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MONTANA HIGHWAY DEPARTMENT

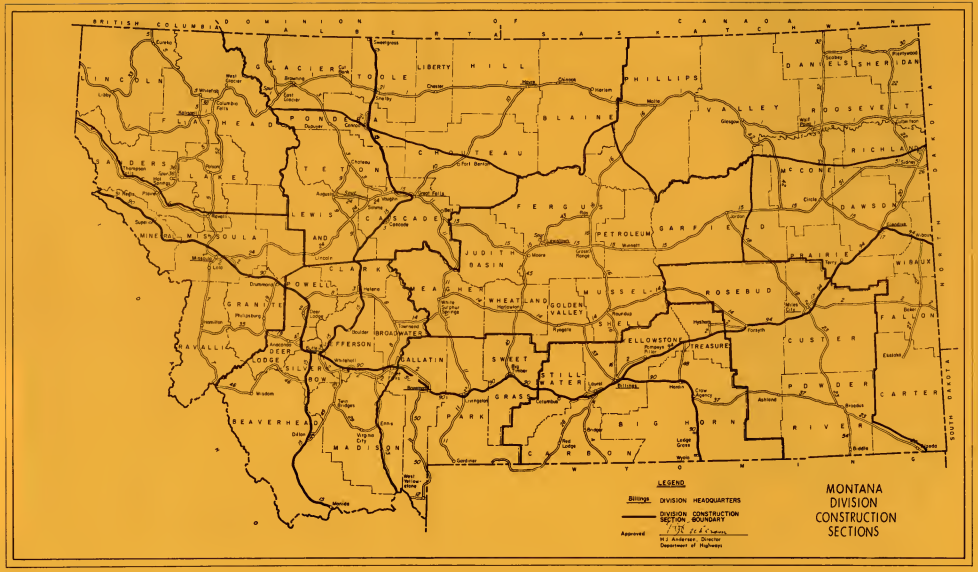
STATE PUBLICATIONS

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

JUNE 6, 1977


BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION SECTION CONSTRUCTION BOUNDARY
Approved
H.J. Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
JUNE 3, 1977

RECEIVED
JUN 6 1977
CONSTRUCTION BUREAU

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending June 3, 1977:

GENERAL

Skies have been partly cloudy, temperatures cool with rain the past two weeks. Progress has been fair on the active projects.

PRECONSTRUCTION

I 90-1(12), Drexel-East & West
Length-5.8 Miles
There has been no word from the consultants.

Menasco-McGuinn Associates
Helena, Montana

I 90-1(13)39-43, Sloway-East & West
I 90-1(40)43-47, Superior-West
F 254(10), LaVista-Superior Primary
Plan-in-hand was held on March 17, 1977 with MDH and FHWA personnel on line change from Sta. 975+ to Sta. 1130+. Checking section corner ties, working on R/W, and finishing plans. The roadway portion of the contract is 97.1% complete, the bridge section is 99.9% complete, and the total contract as a whole is 97.1% complete.

Henningson, Durham & Richardson
Helena, Montana, Consultants
Probable Completion Date-July 30, 1977

I 90-1(77)22, Drexel-East & West
Length-5.342 Miles, Construction Staking
Construction layout remains 28% complete. Personnel are currently working on other assignments.

Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471

I 90-1(77)22, U-6, Drexel-East & West
Construction of End Bents
Erection of Steel Girders & Construction of Decks

Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Letting-May 26, 1977

RS 4(10), State Route 269, Stevensville
Length-0.5+ Mile, Preliminary Engineering
Survey data has been turned in to the Division office for checking. It will be forwarded to Helena about June 10, 1977.

Allan Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491

F 7-2(1)94, Madison, Fifth, & Arthur Street
Intersection Improvements
Location survey started June 2, 1977. Field work will be completed about June 10, 1977.

Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491

F 90(8), Thompson Falls-East
Length-10.0 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

F 93-1(1), U-1, Lolo Pass-Lolo
Length-16.0 Miles
Contract scheduled for letting in July.

Personnel Unassigned

F 197(8), Dixon-Ravalli
Length-8.5+ Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RF 215(27), Florence-Lolo, Add 2 Lanes
Length-8.5 Miles
Work on subject resumed on May 27, 1977. Plotting of cross-sections currently being done. F 259(12) Hamilton-North revisions sent to Helena on May 26, 1977.

Jim Smith, Designer II
Missoula, Montana, Phone 549-6491

RF 223(6), Plains-Paradise
Length-6.9 Miles
Work has been suspended while personnel are on other assignments. The survey is 6% complete.

Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491

FF 259(18), Victor-South
Length-9.5 Miles
Aerial ground control survey started June 3, 1977.

Allan Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8114, Missoula
Fifth and Sixth to Seventh Streets
Work will be started when personnel are available.

Personnel Unassigned

M 8106(2), Madison & Spruce Streets
Scott, Toole, & Spruce Streets
No survey work has been done on this project.

Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8115(1), Van Buren Street at Missoula & Wylie — Tom Oertli, Field Project Manager
Holly to Lolo on Rattlesnake Drive — Missoula, Montana, Phone 549-6491
Mylar print is being plotted in the office. Data will be turned in to the Division office about June 10, 1977.

M 8120(1), Clements & South Avenue — Allan Dutton, Field Project Manager
Intersection Improvement — Missoula, Montana, Phone 549-6491
Four men worked 7 days running line, taking cross sections, topog, and making land ties.

CONSTRUCTION

I 90-1(80)0, Lookout Pass-East — Northwest Construction, Inc.
Length-10.732 Miles, AGS-PMS-G. Rail-Sign — Kirkland, Washington, Contractor
Contract Awarded May 6, 1975 — Cecil Owen, Field Project Manager
Amount of Contract-$5,359,580.07 — Missoula, Montana, Phone 549-6491
Work Started June 30, 1975 — Contract Time-200 Working Days
Work Proceed Date-May 28, 1975 — Probable Completion Date-May 1, 1977
The project as a whole is 99% complete with 78% of the contract time elapsed. Pit reclamation remains to be completed. A 2-man engineering crew is compiling final data for submittal to the Division office about June 24, 1977.

I 90-1(78)11, Saltese-DeBorgia — Peter Kiewit Sons' Company
Length-10.8 Miles — Billings, Montana, Contractor
PMS, PCCP & Related Items — Gary Eichert, Field Project Manager
Contract Awarded-May 3, 1977 — St. Regis, Montana, Phone 649-2460
Amount of Contract-$6,244,632.55 — Probable Completion Date-September, 1978
Work Proceed Date-May 24, 1977
One five-man survey crew has been establishing control points for concrete paving and working on miscellaneous items. Construction layout is 12% complete.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1 — Washington Construction Company
Saltese-Haugan & DeBorgia-East & West — Missoula, Montana, Contractor
Length-10.828 Miles, GR-AGG. SURF-PMB — Carl Smith, Field Project Manager
Contract let December 14, 1972 — Missoula, Montana, Phone 549-6491
Amount of Contract-$5,533,558.78 — Contract Time-350 Calendar Days
Work Started February 15, 1973 — Completed on August 12, 1976
Final estimate has been turned in to the Division office for checking. It will be forwarded to Helena about August 5, 1977.

I 90-1(77)22, U-1, Drexel-East & West — Hensel-Phelps Construction Company
Length-455.0 Ft. & 638.0 Ft. Composite — Vancouver, Washington, Contractor
Steel & Girder Bridges over St. Regis River — Jack Silvey, Engineer Tech. 3
Contract let July 2, 1975 — Superior, Montana, Phone 649-2471
Work Started August 19, 1975 — Probable Completion Date-May 20, 1977
Amount of Contract-$2,282,935.00 — Contract Time-140 Working Days
The remainder of miscellaneous structural steel has been delivered. The contractor has started spot painting intermediate diaphrams. The project as a whole is 99% complete with all of the contract time elapsed. Construction layout, with one engineer engaged, is 79% complete.

I 90-1(77)22, U-2, Drexel-East & West
Length-0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract-$1,453,180.88
Work Started July 6, 1976
Work Proceed Date-July 6, 1976
Washington Construction Company
Missoula, Montana, Contractor
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-120 Working Days
Work Completed-December 7, 1976
Final estimate being checked in Division office. It will be forwarded to Helena about June 24, 1977.

I 90-1(77)22, U-3
Length-138.0 Ft. Prestressed Concrete Girder Overpass
Contract let November 19, 1976
Amount of Contract-$292,648.99
Work Started April 15, 1977
Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-135 Working Days
Probable Completion Date-November 15, 1977
The contractor has poured the footing for Bent No. 4. Footings for Bent Nos. 1 and 2 have been excavated. No work is presently underway due to the strike. The project as a whole in 4% complete with 17% of the contract time elapsed.

I 90-1(77)22, U-5, Drexel-East & West
Structures at Sta. 241+61 & 251+80 & Grading
Contract let February 24, 1977
Amount of Contract-$1,102,551.98
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
The contractor has completed the work bridge. Clearing operations for the structure sites are underway. Detour has been completed with the exception of guardrail. The project as a whole is 2% complete with 10% of the contract time elapsed. Construction layout, with one engineer engaged, is 81% complete.

I-IG 90-1(61)27, U-1, St. Regis-East & West
Length-151.5 Ft. Prestressed Concrete Girder Bridge, 376 Ft. Composite Steel over St. Regis River, & Grading Detour Road
Contract let March 31, 1977
Amount of Contract-$1,007,222.56
Cop Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
Superior, Montana, Phone 822-4972
Contract Time-250 Working Days
Probable Completion Date-November 15, 1977
Work during the past three weeks has consisted of clearing and grubbing of the jobsite, erecting the construction signing and building on the detour road on the east end of the project. The contract as a while is 1% complete with 10% of the contract time elapsed. Seven men are working five 8-hour shifts per week. Construction layout, with 1 engineer engaged, is 10% complete.

I 90-1(59)35, U-1, St. Regis-East
Length-3.6 Miles, GR-AGG. SURF-PMB-Sign & Flasher Installation
Contract let December 16, 1976
Amount of Contract-$2,836,425.90
Work Proceed Date-April 18, 1977
Washington Construction Company
Missoula, Montana, Contractor
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-220 Working Days
Probable Completion Date-December 15, 1977
The contractor has been grading from Station 790 to Station 803 on the eastbound lane. All drainage pipes are installed from Station 700+00 to Station 808+00 on the eastbound lane. The only major work at this time is excavation and installing access fence. The sub-contractor on the fence is presently working from Station 735+00 westbound, ahead. The project as a whole is 16% complete with 11% of the contract time elapsed. Twenty-two men are working five 8-hour shifts per week. Construction layout, with a 14 man engineering crew engaged, is 47% complete.

I 90-1(87)45, Superior-West
Length-544.5 Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract-$1,084,707.40
Work Started August 25, 1975

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
George Roat, Field Project Manager
Superior, Montana, Phone 822,4972
Contract Time-250 Working Days
Probable Completion Date-July 15, 1977

Work during the past three weeks has consisted of placing concrete for the deck on Span No. 1, part of Span No. 2, and part of Span No. 4. All work on the project was shut down by union pickets on May 25, 1977. The project as a whole is 81% complete with 82% of the contract time elapsed. Twelve men are working five 8-hour shifts per week. Construction layout, with a three-man engineering crew engaged, is 85% complete.

I 90-1(51)78, U-3, Huson-West
Length-1,020.0 Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Apps.
Concrete let August 16, 1974
Amount of Contract-$2,367,500.00
Work Started October 9, 1974

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-280 Working Days
Probable Completion Date-May 30, 1977

The contractor has completed painting the structural steel on the bridge. The project as a whole is 97% complete with 92% of the contract time elapsed. Three men are working four shifts per week of various lengths. Construction layout, with one engineer engaged, is 100% complete.

RF 164(20), Philipsburg-South
Length-7.7 Miles, PMB. Seal & Cover Signing & Lighting
Contract let May 13, 1976
Amount of Contract-$591,661.11
Work Started May 26, 1976

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-90 Working Days
Probable Completion Date-May 20, 1977

Final data will be submitted to the Division office about June 24, 1977.

RF 192(9), Arlee-Safety, US 93
Flasher Installation & Traffic Control Devices
Contract let November 19, 1976
Amount of Contract-$29,588.95
Work Started March 14, 1977
Work Proceed Date-April 19, 1977

S & S Construction Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-20 Working Days
Probable Completion Date-June 15, 1977

No work has been performed on this project since March 17, 1977. The project as a whole is 42% complete with 0% of the contract time elapsed. Construction layout, with a two-man engineering crew engaged, is 85% complete.

HHS 219(1), FF 219(32), & HHS 219(35)
DeSmet Interchange-North, Evaro-North & South, & Evaro Hill
Length-10.595 Miles, Missoula & Lake Counties
Contract let February 26, 1976
Amount of Contract-$876,235.40

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-110 Working Days
Contract Completed-September 29, 1976

Final estimate will be submitted to Helena about July 1, 1977.

RS-DP 224(14) U-2, Reserve Street
Length-148.0 Ft. Concrete Girder Overpass over C.M.ST.P. & P. railroad, Approaches & Fencing
Contract Awarded-May 2, 1977
Amount of Contract-$360,910.77
Work Proceed Date-May 23, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-105 Working Days
Probable Completion Date-November 15, 1977

The contractor has not arrived on the jobsite as of this date. Two men are working in the office on notes and computations.

RS 343(12), Avon-Helmville
Length-5.1 Miles, G-AGG. SURF-PMB Widen & Guardrail Revision
Contract let May 27, 1976
Amount of Contract-$1,168,747.12
Work Started-July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Drummond, Montana, Phone 288-3280
Contract Time-150 Working Days
Probable Completion Date-August 15, 1977

The contractor is placing 1" plant mix base, complete from Station 674+00 to 851+00. He has completed all the concrete down chutes and concrete slope protectors, and has completed adding the hydrated lime to the plant mix stockpile.

M-RS 0005(53), Missoula County-Urban
Length-37.9 Miles, Signing & Delineation
Contract let October 29, 1976
Amount of Contract-$58,976.70
Work Proceed Date-April 18, 1977
Contract Time-90 Working Days

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date-July 1, 1977

No work is being done on this project. There are four signs left to hang. The project as a whole is 98% complete with 30% of the contract time elapsed. Construction layout, with two engineers engaged, is 100% complete.

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract let November 19, 1976
Amount of Contract-$125,400.50
Work Proceed Date-April 18, 1977
Work Started February 23, 1977

Fred Strandberg Construction Company, Inc.
Helena, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date-July 29, 1977

The contractor is not working at the present time. The shop drawings for the two signal poles have not been approved to date. The project as a whole is 5% complete with the construction layout 18% complete.

M 8107(4), North Orange Street, Missoula
Length-0.8 Mile, Lighting & Overhead Monitor
Contract let August 25, 1976
Amount of Contract-$85,663.22
Work Started March 22, 1977
Work Proceed Date-September 20, 1976

Midland Electric Company
Billings, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-60 Working Days
Probable Completion Date-June 17, 1977

The contractor has been installing conduit, working on light bases, installing service and control assemblies, and doing wiring. The project as a whole is 80% complete. Four to six men have been working five 8-hour shifts per week. Construction layout, with two engineers engaged, is 70% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract-$106,132.00
Work Started July 20, 1976
Work Proceed Date-July 6, 1976

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-60 Working Days
Probable Completion Date-May 30, 1977

Seeding is left to do on this project. There has been no work done on it the last three weeks. The project as a whole is 98% complete with 50% of the contract time elapsed. Construction layout, with two engineers engaged, is 100% complete.

SMP 3299-77, Missoula & Ravalli Counties
Crush & Stockpile 55,000 Tons Aggregate
Contract let January 27, 1977
Amount of Contract-$166,025.00
Work Proceed Date-April 18, 1977
Work Not Yet Started

Washington Construction Company
Missoula, Montana, Contractor
Dwight Lohn, Lab Supervisor 2
Missoula, Montana, Phone 549-6491
Contract Time-80 Working Days
Probable Completion Date-July 15, 1977

The sub-contractor expects to start crushing in Pit No. 3210-62 at Rainy Lake next week. The contract remains 0% complete, with 25% of the contract time elapsed.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

DEPARTMENT OF HIGHWAYS

Kalispell,Montana

June 3, 1977

Department of Highways
Helena,Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending June 3, 1977.

G E N E R A L

Progress has been fair to good. Weather has been below normal temperatures with considerable intermittant percipitation. Day time temperatures ranged from +50° to +75° with night temperatures from +30° to +45° . Highways are in average spring driving condition with normal traffic.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 2000' & 4700' Alignment
Design Started - April 5, 1977

Loren Dollan, Designer II
Kalispell,Montana 59901
Phone: 755- 5717

Two men worked 7 man days the past period on plan sheets and bridge situation sheets. A Typical section will be requested as soon as the soils survey is completed. Bridge situation sheets are nearly complete and will be submitted to Helena in the near future. 34 man days have been used to date on design, whcih is approximately 6% complete.

F83-2(1) 67 Swan Lake North Overlay
Length - 12.7 Miles
Survey & Design Authorization -Jan. 31, 1977
Design Started - Feb. 23, 1977

Loren Dollan, Designer II
Kalispell,Montana 59901
Phone: 755-5717
Est. Comp. Date- Pending

The materials Bureau is presently in the precess of reviewing the entire project to determine the adequacy of the roadway structure. Results will indicate how the plant mix overlay is to be designed, and what additional provisions will have to be made, such as digouts, filter fabric or rubberized asphalt.

F-38-1(3);(F-100(9)) Columbia Falls
East & West RS486-1 (2);(S-334(2))
Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell,Montana 59901
Phone: 755-5717
Est. Comp. Date - June 30,1977

F-38-1(2)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 329 man days have been used to date on design, which is approximately 70% complete.

RS-468-1(2)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 77 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3);(RF-257(16) & LSF-1-257(5) Coram-
West Glacier Section
Length - 4.8 Miles
Scheduled for July 1977 Letting

August Strobbe, Fld. Prj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950

A 5 man survey crew worked 5 days the past period and finished running the projected centerline. They are now referencing points and running R/W. A total of 298.5 man days have been used to date.

UTILITIES

Montana power Company worked 6 3-8 hour shifts the past period with 2-5 men employed. The crossing at Sta. 529+65 was completed on May 23, 1977 and work is now concentrated at the crossing at Sta. 493+11±. The relocation is approximately 45% complete.

There has been no work by Harp Line Construction Co., Contractor for Flathead Electric Co-op during the past period. The relocation remains at approximately 30% complete.

F-54(1)((F-263(8)) Stryker-Roosville
Length - 6.0± Miles
Design Started - May 6, 1977

Loren Dollan, Designer II
Kalispell,Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

F-5-4(1) (F-263(8)

Field work has been completed on alternate lines through Eureka. Two design personnel worked 8 man days the past period on plotting alternates on the hardshell, checking cross section notes, and coding a COGO run. 8 man days have been used to date on design, which is approximately 1% complete.

RS-325(2) Libby South East Rte.482
Length - 3.5 Miles
Survey Authorization Dated-Dec. 6, 1974
Survey Suspended - Jan. 17, 1975

Gerald Roat, Fld. Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-5006
Est.Comp. Date -Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell,Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed currently assigned projects. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

C O N S T R U C T I O N

HHS 1-2(2)121 (HHS 257(30)
Kalispell East-Street Lighting and Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10

Harp Line Const. Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell,Montana 59901
Phone 755-3950
Contract Time - 120 working days

Work not started.

ERFO 72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let- Oct. 29, 1976
Contract Awarded - Oct.29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - Nov. 22, 1976

Zook Brothers Const. Co.
Great Falls,Montana 59401
August Strobbe, Fld. Prj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time- 120 Working Days
Prob.Comp.Date-Sept.1,1977

Progress has been good. Contractor working 5-8 hour shifts, employing 30 men. This working schedule worked until May 27, 1977 when strike forced shut down of construction. 20,255 tons of class III riprap has been placed making a total of 124,339 tons or approximately 75% complete. One dozer worked on dike restoration. Two 11 ft. 5 in. multi-plates were installed making a total of 204 Lin. ft. or 65% complete

ER-FO 72(2) Cont.
Five shifts worked on line change excavation between stations 150 and 178 making this approximately 35% complete. Completed crushing material to be used for plant mix Bit.Surf. Gr. B. Crushing and stockpiling 3/4 in Gr. 2 Top Surf. Material underway making this approximately 80% complete. Project as a whole is 55% complete with 25% of the contract time elapsed. Construction layout remains approximately 79% complete with 8 engineering personnel assigned surveying and inspection duties.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Grider Bridge &
Grade, & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975(Con.fy FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Company
Billings,Montana 59101
Lawrence Chezik, Fld. Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-5717
Contract Time - 300 Working Days
Prob.Comp.Date - July 1,1977

Progress has been poor due to the striking laborers union. The Contractor worked 9-8 hour shifts prior to the strike employing 5-19 men. The Prime-Contractor has formed & placed concrete for three spans of the W.B. Barrier curb while the Sub-Contractor has been placing riprap, bank protector & filter material at the end bents.
The project as a whole is approximately 98% complete with 90% total contract time elapsed.
Two state inspectors are assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on Four
Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976(FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - Oct. 13, 1976

Signal Electric Inc.
Kent, Washington
August Strobbe, Fld. Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-3950
Contract Time- 45 working Days
Project Completed- April 29,1977

The project was completed and accepted on April 29, 1977. One to two state employees are working on the notes and final as time permits. Estimated sub-mittal date to Division office is June 10, 1977.

HHS-257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 Miles
Contract Let - Aug. 30, 1976
Contract Awarded - Aug. 30, 1976
Contract Amount - $17,623.96
Proceed Order - Sept. 20, 1976
Work Started - Oct. 8, 1976

Pack & Co., Inc.
Kalispell,Montana 59901
August Strobbe,Fld.Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-5006
Contract Time- 30 Working Days
Project Completed - Oct. 19.1976

HHS-257(31) Dew Drop Curve

The final was forwarded to Helena May 16, 1977. This will be the final report.

DP-270(13) U.S. #93 North of Kalispell
Grade, Gravel Surface
Length - 0.776 Miles
Contract Let - Feb. 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co.,Inc.
Kalispell,Montana 59901
August Strobbe, Fld. Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-3950
Contract Time - 60 Working Days
Project Completed - Dec. 3, 1976

Final is being checked in division office as time permits, and should be ready for submittal to Helena about June 15, 1977.

F-330(6) Libby-East
Grade,Agg. Surf. Plant Mix Surf. &
Seal,Storm Sewer Installation
Signing, Lighting & One Pre-Stressed
Concrete Grider Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975
Contract Amount - $2,843,803.46
Proceed Order - April 28,1975
Work Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls,Montana 59401
Gerald Roat, Fld.Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-5006
Contract Time - 200 Working Days
Project Completed - Dec. 6, 1976

1 to 2 men resumed work on the final on May 10, 1977. Estimated submittal date is now August 1, 1977.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers, Inc.
Spokane,Washington
Jack Adamson, Fld. Prj. Mgr.
Troy,Montana 59925
Phone: 295-4741
Contract Time - 140 Working Days
Prob. Comp. Date - July 15, 1977

Progress has been fair. The contractor has been working 5 - 8½ hour shifts crushing & placing 1½" Base. 46,000 tons were placed between Sta. 150+00 and 244+00 making this item 69% complete. The project as a whole is now 87% complete with 82% of the contract time elapsed. Ten engineering personnel are assigned to the project and construction layout is 80% complete.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.38 Miles
Contract Let - Dec. 18, 1975
Contract Awarded - Dec. 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L.M. Johnson, Inc.
Spokane,Washington
August Strobbe, Fld. Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-3950
Contract Time - 180 Working Days
Prob. Comp. Date - July 1, 1977

No progress the past period. A three man guard rail crew completed guard rail, signs and R/W markers on May 3, 1977. All contract items and change orders are 100% completed with the exception of chip and seal and stripping, which will be completed in the summer of 1977. The project as a whole remains 95% complete with 76% of the contract time elapsed. Construction layout remains 96% complete with one to two men on field notes as time permits.

RS 4144(52) U1 - Polson
RS 4144(52) U12 - Ravalli
Bridge End Treatment
Contract Let - Feb. 24, 1977
Contract Awarded - Feb. 28, 1976
Contract Amount - $16,025.45
Proceed Order - April 18, 1977
Work Not Started

Western Sign
Great Falls,Montana 59401
Daniel Tombrink, Eng. Tech.III
Kalispell,Montana 59901
Phone: 755-3950
Contract Time - 30 Working Days
Prob. Comp. Date - Pending

The project involves bridge end approach improvements of Flathead River Bridge, west of Polson and the bridge on the Jocko River, west of Ravalli. The contractor advised on May 24, 1977 that all material for the project is now on hand but that no work would be performed until the present labor strike is settled. Construction layout is approximately 75% with one (1) state employee assigned to the project as required. The project as a whole is 0% complete with 0% of the contract time elapsed.

M6730(1) & RS-404(8) Kalispell-South Loop
Grade,Agg. Surf., Pl. Mix Base, Pl. Mix
Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - Oct. 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - Oct. 28, 1976
Work Started - Nov. 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Fld.Prj. Mgr.
Kalispell,Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - Oct. 15, 1977

Work has been fair to poor the past 3 weeks. Placement of 1½" base course has been progressing from Sta. 537 to 615 & from 420 to 508 and is approximately 90% complete. The contractor is presently working 4 men due to the laborers strike. Crushing has been completed and are now ready to move out. Construction layout is approximately 60% complete with 11 engineers & inspectors currently assigned to the project. The project as a whole is approximately 65% complete with 31% of the contract time elapsed.

SMP-1599-76 (State Projects)
4 Crusher Setups in Flathead, Lake
Lincoln, and Mineral Counties
Contract Let - Dec. 17, 1976
Contract Awarded - Dec. 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Started - March 29, 1977

Frank Boroni Construction
Butte,Montana
John Kalien, Lab. Supv. III
Kalispell,Montana 59901
Phone: 755-5717
Contract Time - 65 Working Days
Prob. Comp. Date - June 15, 1977

Progress the past period has been fair. Contractor is presently crushing in pit no. 2740-04 (Elk Hill.) Sub Contractor was to begin crushing in Pit 3120-24 (St. Regis) but was delayed due to strike. Contractor working 1 - 9 hour shift 5 days per week and has 4 men employed. One(1) state employee testing and recording scale readings. Contract is 73% complete with 46% time elapsed.

Relocation: Montana 37 - Unit 3A Libby Dam & Lake Koocanusa Project
Length - 2.44 Miles
Contract Awarded - Aug. 3, 1976
Contract Amount - $732,945.00
Proceed Order - Aug. 31, 1976

Bering Straits Const. Co.
(Central Const. Co.)
Seattle,Washington
U.S. Army Corp of Engineers
Libby,Montana 59923
Phone: 293-6221
Jack Adamson,Fld. Prj. Mgr.
Troy,Montana 59935
Phone: 295-4741
Contract Time - 360 Working Days
Est. Comp. Date - Pending

Work on project resumed this past period by Firemans Fund Mutual Bonding Co. Contractor is working 5 - 8 hour shifts per week with 5 men employed. Work has consisted of cleaning up ditches in preparation to begin grading work. The project as a whole is approximately 15% complete.

For Howard A. Stockwell
James J. Keithley,P.E.
Supv. Div. Sonst. Section

JJK:HAS:ed

RECEIVED
JUN 6 1977
CONSTRUCTION BUREAU

Department of Highways

Butte, Montana

June 2, 1977

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending May 31, 1977. The weather has been cool with some rain and snow showers and temperatures ranging from +26° to +83°.

PRECONSTRUCTION

F 8-2(3)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 8-4(1)77
Townsend-Toston
Pl. Mix Overlay on U.S. #287
Design
10.125 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
June 13, 1977

Work for the period consisted of making the changes on the plans that were recommended at the P.I.H. conference held on May 12, 1977. A two man crew expended 14 man days revising the plan and profile linens, re-computing typical section dimensions and surfacing quantities, and computing seeding quantities. Guardrail was added to the plans after a field review of the project on May 24. Plan In Hand revisions are 90% complete. Design work as a whole is 97% complete with 74 man days used to date.

I IG 15-3(13)157
Basin-Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Design

Hydraulic comps to determine water surface profiles at bridges are underway. Profile grades and x-sections were reviewed with Mr. Larson and as a result of this we are investigating profile grade changes to more nearly balance the earthwork. The completed hydraulic studies at the bridge at Sta. 1469 have allowed a lowered grade in this area. The final design study report was submitted on May 11, 1977. Alternates for a temporary connection to PTW were submitted, reviewed and returned to us with alternate #1 being approved. Work is continuing on R/W plans.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on otherprojects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 393-1(1)3
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 23, 1977

A two man crew worked two man days this period computing quantities for typical sections. Tracing of plan & profile linens are 66% complete. They will be completed and sent to Helena for R/W printing when the alignment from Sta. 0+00 to Sta. 50+00 is determined. Cross sections plotted, topoged, and inked are 100% complete, hardshell drawn and profile plotted and inked are 100% complete. Hydraulics data has been submitted to the hydraulics unit for culvert recommendations and the title sheet has been requested from Helena. Design work as a whole remains 11.5% with 45 man days used to date.

RS 441-1(1)0
Gregson Road
Design
2.969 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:

PRECONSTRUCTION

RS 441-1(1)0 Cont'd.

December 16, 1977

There was no work this period because of work done on other projects. It is estimated that design work will resume by June 13, 1977. Design of the project remains 9.6% complete with 30 man days used to date.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted and inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 1810 (1)
Grand Ave. - Butte
Design
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
January 5, 1978

Design work has been temporary suspended to complete design work on other projects. It is anticipated that work will resume by June 13, 1977. The project as a whole remains 12.5 % complete with 160 man days used to date.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 200 Working Days
Probable Completion Date:
May 27, 1977

I 15-2(34)103 Unit 4 Cont'd.
No work the past period. Work remaining consists of installation of curbing and landscaping work under Change Order No.2. Project as a whole is 99% complete with 99% of the contract time elapsed. There are two Engineers assigned to this project and they are presently helping on project M 0299(3).

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work STarted: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1694
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on June 30, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte NOrth & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 250 Working Days
Probable Completion Date:
September 9, 1977

Work the past period consisted of erecting fence. The contractor employed 4 men for 4-8 hour shifts. Project as a whole is 64% complete with 52% of the contract time elapsed. Construction layout as a whole is 80% complete with 4 Engineers and 2 Inspectors engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205, & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp. Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 150 Working Days
Completion Date:
November 16, 1976

Final Data was submitted to Division Office on April 22, 1977. Checking of Final Data by Division Office personnel will commence when time permits. It is estimated that Final Data will be sent to Helena on September 30, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 230 Working Days
Completion Date:
November 6, 1976

Final INspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena Sept. 23, 1977.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing, Plant Mix Bituminous Base, Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

No work the past period. Project as a whole is 43% complete with 27% of the contract time elapsed. Construction layout as a whole is 82% complete. The 5 man Engineering crew is helping on proj. M 0299(3).

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix Bit. Base Surf., Seal, Cover, Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Constr. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1977

No work the past period. Project as a whole is 75% complete with 81% of the contract time elapsed. Construction layout as a whole is 89% complete with 6 Engineers engaged.

F 29-1(2)42
Intersections of Main St. & 7th Ave.
& Main St. & 4th Ave. in
Twin Bridges
Traffic Control Devices
0.00 Miles
Madison County
Contract Let: April 28, 1977
Bid Price: $14,539.00
Work Not Started

Western Sign Corporation
Great Falls, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 45 Working Days
Probable Completion Date:
August 15, 1977

Preconstruction Conference was held May 18, 1977. Awaiting arrival of materials.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 29, 1976
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

No work the past period. Project as a whole is 61% complete with 45% of the contract time elapsed. Construction layout as a whole is 97% complete. There is a 7 man engineering crew assigned to this project and they are presently doing location work.

HHS 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Not Started

S&S Construction
Helena, Montana
Irvin C. Broell, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 30 Working Days
Probable Completion Date:
July 29, 1977

Preconstruction Conference held February 15, 1977. Awaiting arrival of materials.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Construction Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 (Cont'd.

Road

No work the past period due to laborers strike.

Bridges

Progress during the past period was good. Work Consisted of: Sta. 812+05.20 - placing concrete, stripping, finishing & curing left & right curbs & erecting steel Br. rail. Sta. 842+26.32 (E.B.) - placing all deck concrete; starting to strip underside of deck Span No. 3 & forming on left curbs. Sta. 1049+68.60 (E.&W.B.) - aligning steel Br. rail. Sta. 1150+10.00 (E.B.) erecting & aligning steel Br. rail; stripping underside of deck & cleaning beams Span No. 3 & No. 4 (W.B.) - aligning steel Br. rail & cleaning beams Span No's. 1,2 & 4. Percent complete for the items are as follows: Conc. Cl. AD, 88%; Prebeams Type A & 4, all 100%; Struct. Steel Item 431001000, 100%; Struct. Steel Item 431001010, 94%; Struct. Excav. Type 1, 100%; Test Pile Item 461020000 & Item 461020001, 100%; Furn. & Drive T.T. Pile, 100%; Pile Prebore Holes, 100%; Reinf. Steel, 82%; Br. Rail Steel Type 5, 51%; Drainage System, 25% & Protective Coat, 75%. The structures as a whole are 87% complete. During the past period the bridge Subcontr. (McIntyre Const. Co.) worked 11-8 hr. shifts, out of a possible 15, due to labor unions strike effective Tues. 5/24/77, with 20 men employed. Construction layout is 82% complete with a 4 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work STarted: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Matt J. Vranish, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
November 18, 1977

Road

Work the past period consisted of conducting grading operations and installing culverts. The contractor employed 40 men for 10-8 hour shifts. Project as a whole is 47% complete with 48% of the contract time elapsed. Construction layout as a whole is 96% complete with 6 Engineers and 2 Inspectors engaged.

Bridges

Junior Grade separation at Sta. 386+49.1: Finishing near face wall and wingwall concrete surfaces of Abutments No. 1 and No. 2 and base deck surface on W.B. and Median section. Removing right curb and slab section of existing E.B. structure. Cleaning up area.

Beckhill Interchange at Sta. 338+00.00: Stripping forms from Abutment No. 3 backwall and wingwalls. Bolting up operation of Structural Steel beams and bracing spans No. 1 and No. 2. Forming base deck spans No. 1 and No. 2.

Percentage complete for the items are as follows: Structure Excavation 92%; Reinforcing Steel, 47%; Class AD Concrete 67%; Traffic Control 51%; Mobilization 59%; Structural Steel 85%; Furnish Steel Bearing Piles 100%; Drive Steel Bearing Piles 100%. The contractor worked ten (1) eight (8) hours shifts employing an average of eight (8) men on the structures during the past three week period. There has been no work on the project since the close of 5-23-77 due to the Labor Union Strike. The structural section of the project is 70.5% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Contractor Time: 220 Working Days
Probable Completion Date:
July 29, 1977

Galen Interchange Structure at Sta. 939+75.20: Began assembling materials for forming of deck. Did general clean-up work.
Lost Creek Structure at Sta. 1012+20.00: Worked at grinding deck.
Clark Fork River Structure at Sta. 196+75.00: Formed deck and backwalls. Tied and placed steel for diaphragms and backwalls. Placed concrete at diaphragms and backwalls. Placed and tied deck-slab steel. Percentages complete for items are as follows: Unclassified Channel Excavation 85%, STructure Excavation 88%, Reinforcing Steel 92%, Class AD Concrete 91%, Structural Steel 89%, Shoring and Crib 98%, Filter Material 85%, Gravel Blanket 87%, Class II Rip-Rap 80%, Mobilization 90%, Steel Beam Bridge Rail Type 5 45%, Pre-Stressed Beams Type A 60 Ft. 100%, Pre-Stressed Beams Type 4 85 Ft. 100%, Pre-Stressed Beams Type A 35 Ft. 100%. The Project as a whole is 86% complete with 84% of the Contract Time elapsed. The contractor worked eleven (11) eight (8) hour shifts employing an average of twelve (12) men.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Work Started: December 17, 1975
Bid Price: $2,060,160.58

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
January 14, 1977

Work on Final Data is 95% complete in the Field Office. It is estimated that Final Data will be sent to Helena on Oct. 21, 1977.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work STarted: Jan. 24, 1977

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

RF FF 249(27) Cont'd.
No work the past period due to laborers strike. Project as a whole is 21% complete with 13% of the contract time elapsed. Construction layout as a whole is 78% complete with 7Engineers engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail INstallation
0.0 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Started: May 10, 1977

Jim Gilman, Excavating Co.
Butte, Montana
Robert Wilson, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 30 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of installing guardrail. The contractor employed 8 men for 8-9 hour shifts. Project as a whole is 21% complete with 30% of the contract time elapsed. Construction layout as a whole is 84% complete with 3 Engineers and 2 Inspectors engaged.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix Bit. Surf. and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Not Started

Zook Bros. Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
November 30, 1977

Preconstruction Conference is scheduled for June 3, 1977.

FF 401(3)
Intersection of Montana AVe.
and Billings, Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
July 8, 1977

Work the past period consisted of installing signals, controller & pole #4. Waiting for materials. The contractor employed 2 men for 3-8 hour shifts. Project as a whole is 47% complete with 36% of the contract time elapsed. Construction layout as a whole is 75% complete with 3 Engineers and 1 Inspector engaged.

SMP 0499-77 (State Optioned)
Maintenance Crushing
Broadwater, Beaverhead and
Gallatin Counties
Contract Let: February 24, 1977
Bid Price: $119,000.00

Jim Gilman Excavating Inc.
Butte, Montana
Russell R. Yarnall, Materials
Supervisor III
Butte, Mt. Tel. 494-3666

SMP 0499-77 (State Optioned) Cont'd.
Work Started: March 23, 1977

Contract Time: 65 Working Days
Probable Completion Date:
October 28, 1977

This project is complete, but final inspection will await the seeding of the pit areas, which will not be able to be accomplished until after October 15, 1977.

M 1803(2)
Harrison Ave. and Amherst St.-Butte
Signal Modification, Signing and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 28, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 45 Working Days
Probable completion Date:
July 29, 1977

This project is now complete, with the exception of Option Components that are presently on order from the factory.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
BUtte, Montana
Joseph Bettle, Manager
Field PRoject
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 18, 1977

Work the past period consisted of excavating old pavement, placing 1½" gravel, and installing storm sewer, manholes and drop inlets. The contractor employed 30 men for 4-8 hour shifts. Project as a whole is 33% complete with 20% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 Engineers and 2 Inspectors engaged.

ROS 4144(52) Unit II
Bridge End Protection - Bridge over Missouri River & B.N.R.R. Overpass Near Toston
Bridge End Guard Rail and Shoulder Widening
0.596 Miles
Broadwater County
Contract Let: April 28, 1977
Bid Price: $63,630.50
Work Not Started

Western Sign Corporation
Great Falls, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
August 19, 1977

Preconstruction Conference was held May 18, 1977.

CONSTRUCTION

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1876
Bid Price: $25,327.50
Work Started: April 29, 1977

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
July 15, 1977

Work the past period consisted of installing conduit, pull boxes and control cabinet pedestal. The contractor employed 4 men for 9-8 hour shifts. Project as a whole is 9% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 3 Engineers and 1 Inspector engaged.

Richard B. Dundas, P.E. Supervisor
Division Construction Section-Butte

RBD/GBH/MJJ/cu

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P. O. Box 1110
Bozeman, Montana 59715

June 3, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the three week period ending June 3, 1977.

P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

The information requested by the plan-in-hand report of April 27 is being obtained as men are available.

F 13-1(1)24
8 Mi. South of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 13-1( ) 30
3 Mi. South of Cameron - South
Length - 5.0 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 20(4) US 191 Spur
Approx. Length - 6.7 Miles

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Estimated Completion Date: Nov. 1977

A seven-man survey crew has been working on this location survey and all remaining information should be transmitted to Helena within the next ten days.

F 29-1(3)16
Virginia City Hill
Length - 0.9 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

FH 42-3(2)
Slide Near Karsts - Gallatin County

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky

All information requested from the field has been transmitted to Helena.

F 45-1(1)15
Big Timber - North
Length - 11.4 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

A final plan-in-hand inspection has been scheduled for June 13, 1977.

F 50-2(1)88
Signals
Intersections of Main with 3rd & 5th Ave.-Bozeman

Engineer Unassigned

A plan-in-hand inspection for this project was held April 7, 1977.

HHS 50-2(3)81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone 586-5074 Bozeman

There has been no work on this survey to date.

F 60(15)
Clyde Park - N & S

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

ROS 76(10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky

All requested information has been transmitted to Helena.

F 86-1(1)0
Rouse Ave. & Lamme St. Int. - Bozeman

Engineer Unassigned

A plan-in-hand inspection was held on April 7, 1977.

HHS 86-1(2)1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

There has been no work on this survey to date.

F 86-1( )
8 Mi. South of Park Co. Line - South
Length - 6.0 Miles

Engineer Unassigned

A plan-in-hand inspection was held on May 17, 1977.

F 86-1( )
Park Co. Line - South
Length - 8.1 Miles

Engineer Unassigned

All information requested from the field has been submitted to Helena.

IR 90-6( )
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

Engineer Unassigned

No information has been requested from the field.

I 90-6( )315
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(17)350
Springdale - Big Timber
Length - 13.477 Miles

Engineer Unassigned

A plan-in-hand inspection for the structures on this project was held on May 20, 1977.

I 90-7(18)364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Engineer Unassigned

All requested work has been completed.

I 90-7(34)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All requested information has been transmitted to Helena.

I 90-7(36)321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

An on-site inspection was held on April 8, 1977 and all data collected over winter has been submitted to Helena.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

No information has been requested from the field to date.

F 171(16)
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: April 1978

The survey crew was transferred off this location survey on April 25. There has been no work since that date. The location survey remains approximately 42% complete.

HHS 205-1(1)28
North of Bozeman
Guardrail - B.N. Overpass

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

The survey for this project has not been started.

HHS 370(26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

A public hearing was held on April 27, 1977.

S 478-1(1)0
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Completion Date: 7-1-77

A two-man crew has been working on the hydraulic forms and drainage recommendations. The location survey is now approximately 95% complete.

RS 563-1(1)0
Springdale - Hunters' Hot Springs
Length - 2.0 Miles
Design Started: 5-2-77

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion Date: Unknown

One man has been working on the design of this project. All notes have been checked and the topography notes have been cross checked against the hard shell. The design is currently 2½% complete.

M 1201 (1) — Thomas, Dean & Hoskins, Inc.
North 19th - Bozeman — Bozeman, Montana
Design
Approx. Length - 0.4 Mile

The report for the preliminary plan-in-hand inspection held April 20, 1977, has been written by Thomas, Dean and Hoskins, Inc.

M 1202 (1) — Engineer Unassigned
Oak Streek - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

All information requested to date has been transmitted to Helena.

M 1212 (1) — Thomas, Dean & Hoskins, Inc.
Kagy Lane - Bozeman
Design
Approx. Length - 1.1 Mile

The report for the preliminary plan-in-hand inspection held April 20, 1977, was written by Thomas, Dean & Hoskins, Inc.

SRS 4148 (52) — Engineer Unassigned
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

All requested information has been submitted to Helena.

M 7403 (1) — Morrison-Maierle, Inc.
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

A planning report for this project was submitted by Morrison-Maierle, Inc. on April 19, 1977.

M 7404 (1) — Morrison-Maierle, Inc.
Front St., from Main to Cemetary-Livingston
Design
Approx. Length - 0.9 Mile

Morrison-Maierle, Inc. submitted a planning report for this project on April 19, 1977.

M 7406 (1) — Morrison-Maierle, Inc.
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Mile

Morrison-Maierle, Inc. is handling the design of this project.

M 7412 (1) Morrison-Maierle, Inc.
Ninth St., Geyser St. to Bridge End -
Livingston
Design
Approx. Length - 0.3 Mile

A planning report was submitted by Morrison-Maierle, Inc. on April 17, 1977.

M 7412 (2) Morrison-Maierle, Inc.
River Drive, From Ninth St. East-Livingston
Design
Approx. Length - 0.2 Mile

Morrison-Maierle, Inc. delivered a planning report for this project on April 19, 1977.

C O N S T R U C T I O N

F 64-1(1)0 US 191 Big Sky Spur
Gravel Surf., Pl. Mix Surf.
Length - 3.0 Miles
Contract Awarded: 5-2-77
Contract Amount: $383,968.57
Proceed Order Date - 5-23-77
Work Not Started

Zook Brothers Construction Co.
Great Falls, Montana
Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Contract Time - 60 Working Days
Probable Completion Date: Aug. 1, 1977

A preconstruction conference was held on June 2, 1977. The contractor plans to begin work sometime around June 20, 1977. At the present time a seven-man survey crew is assigned to the project.

I 90-6 (30) 309, I 90-6(36) 315 U-2
I 90-7 (38) 318
Rocky Canyon Safety, Bozeman Pass - West
and Bozeman Pass - East(West Section)
Grade, Agg. Surf., Pl. Mix Base, Structure
Length - 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

Progress has been fair with the contractor employing 66 men and working four 8-hr. shifts. During this past period the contractor hauled material for the cut between Sta. 128 and 132 and placed this material in the fill between Sta. 160 and 175 north of the PTW. Material was also hauled from the safety area in Rocky Canyon and placed in the fill area between Sta. 6 and 11. 25,000 cubic yards of unclassified excavation were accomplished, bringing this item to 62% complete. The contractor, Goodfellow Brothers, has not worked since May 25th because of the strike. The vehicular underpass at Sta. 265+75 has been completed. Baltrusch Construction Co. is placing 1½" plant mix base on Frontage Road "A". 3,000 tons of the plant mix base is now in place, bringing this item to 2% complete. Bozeman Sand & Gravel has been hauling and stockpiling 1½" base course on the project. A 19-man engineering crew is assigned to this project which is 31% complete with 38% of the contract time elapsed. The contractor has 187 working days of contract time remaining.

I 90-7 (36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf. Pl. Mix Bit, Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 11-1-77

Progress has been poor with the contractor employing from 0 to 8 men. Six gravel trucks left the project on May 12, 1977 and all gravel hauling operations were halted at that time. Gravel laydown continued for the westbound lane between Sta. 371 and 400. Heavy rains on May 13, 1977 halted all operations. Some minor fencing was accomplished left of the westbound structure at Sta. 505. The project has remained shutdown since May 24, 1977 due to the labor strike. A twelve-man engineering crew is assigned to this project, which is 78% complete with 64% of the contract time elapsed. The contractor has 97 working days of contract time remaining.

ROS 4144 (52) U-2
Manhattan - Belgrade
Bridge End Guardrail
Length - 0.335 Mile
Contract Awarded: 2-24-77
Contract Amount: $34,016.70
Proceed Order Date: 4-18-77
Work Started: 4-11-77

Western Sign Corporation
Great Falls, Montana
Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Contract Time: 40 Working Days
Probable Completion Date: --

This contract remains shutdown. The only work remaining is the installation of small amounts of guardrail. At the current time the contract is 90% complete with 18% of the contract time elapsed. The contractor has 33 working days of contract time remaining.

SMP 0499-77
Crush and Stockpile
Boradwater, Beaverhead & Gallatin Co.
Contract Awarded: 2-28-77
Contract Amount: $119,000.00
Proceed Order Date:
Work Started: 4-13-77 - Gallatin Co.

Jim Gilman Excavating, Inc.
Butte, Montana
Walter H. Deighton, Lab Supr. 3
Phone: 586-9562 Bozeman
Contract Time: 65 Working Days

Crushing and stockpiling operations on the Grayling Creek site were completed on April 25. Only pit reclamation and seeding remains for completion of the project in this pit. The contractor plans to start and complete the seeding operations on June 6.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:wb:rs
cc: Gary A. Gilmore, PE, Div. Traffic Engr.
Bozeman Division Lab & Office

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DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
JUNE 6, 1977

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period May 17, 1977 thru June 6, 1977.

GENERAL

Weather has been clear to overcast with temperatures ranging from 30° to 90° with some rain showers causing slight work slowdown.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls, Airport Access Rd.
Length: 0.7 miles - Cascade County
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design remains 46% complete.

F 64 (15) - Gt. Falls East
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design remains 17% complete.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length: 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Completion Date: May 10, 1977

The survey was completed using 1548 man-days. The Location Survey data was forwarded to Preconstruction.

F 80-1 (1) - Overlay
Fort Benton - Geraldine
Length: 9.5 miles
Design Started: March 7, 1977

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1977

No work during this reporting period. Design remains 50% complete.

RS 220-1 (2) - Farmington - North
Length: 8.5 miles
Design Started: June 21, 1971

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

Three men worked 20 days making P.I.H. changes. Design is 60% complete.

RS 220-1 (2) - Agawam - North
Length: 3.6 miles
Design Started: June 21, 1971

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

Three men worked 8 days making P.I.H. changes. Design is 56% complete.

RF 236 (8) - Dupuyer No. & So.
Teton & Pondera Counties
Location Survey
Length: 20+ miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: July 1977

Four man crew spent 55 man-days during period Running Centerline, establishing Controls ahead, locating Bench Marks and running bench levels. Survey is 25% complete with 245 man-days used to date.

RF 238 (13) - Bowman's Corner - Augusta
Location Survey
Length: 14.8 miles
Survey Started: December 27, 1976

Harry Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
PRob. Comp. Date: June 30, 1977

86 man-days used during this period running Levels, establishing Bench Marks, taking Topog. and Cross Sections. Survey is 52% complete with 523 man-days used to date.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project form priority. Further work is in a hold pattern.

RS 565-1(1) - Simms - North
Cascade & Teton Counties
Location Survey
Length: 1.1 miles
Survey Started: April 4, 1977

Harry C. Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
Completion Date: May 20, 1977

Location is 100% complete with 85 man-days used. Location was submitted to Helena May 18, 1977 and returned to Great Falls Division office for review with the County Commissioners.

M 5201 (1) - 6th St. Great Falls
Part I - 100%
Part II - 100%
Route Location Study Report - 90%
Length: 1.3 miles - Cascade County
Design Started: Sept. 26, 1972

Jensen & Herberly - Consultants
Great Falls - Phone #453-5478

Part II (Station 40+65 to Station 68+00) Received signing reporducibles back for further corrections on March 3, 1977. Hand delivered construction and signing reproducibles with all corrections completed on April 5, 1977, thus completing Part II.

Route Location Study Report (68+00 to Central Avenue West) Received notification to complete the report on February 16, 1977. Requested funds to complete the report on February 23, 1977, since the last contract increase did not include funds to complete the report. Waiting for approval of funds before commencing work on the report.

M 5201 (2) - 6th Street N.W.
Great Falls - Cascade County
Location Survey
Length: 0.581 miles
Survey Started: May 24, 1977

Frank Robinson - Mngr. F.P.U.
Great Falls - PHone #453-2573
Prob. Comp. Date: July 15, 1977

21 man-days were used running centerline. Survey is 10% complete with 21 man-days used to date.

M 5203 (1) - 3rd St. To Central Ave. West
Great Falls - Cascade County
Location Survey
Length: 0.5 miles
Survey Started: April 11, 1977

Frank Robinson - Mngr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: June 15, 1977

43 man-days were used taking Topog., Checking Field Notes and Drawing Hardshell. Survey is 75% complete with 92 man-days used to date.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith - Mngr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date: Nov. 15, 1977

Progress has been poor. Apex: Installing "Add a Post and Block" to Guardrail in Jefferson County, general cleanup of Guardrail completing guard rail installation except minor cleanup on May 19, 1977. Installing "G" sign foundations and delineators in Jefferson County. Isbister: Worked two days forming and placing rebar for Conc. 10:1 inlet grates.Items and percent complete are: Sht. Alum. Inc., 11%; Posts Metal U Delineator, 10%; Post Structural Steel, 63%; Poles Barn 4 in., 109%; Guard Rail Posts, 114% and Delineators Design G, 17%. The project as a whole is 80% complete with 72% of the contract time elapsed. Construction layout is 95% complete with a 4 man engineering crew engaged in inspection, layout and notes. Intermittent lane closures on Interchanges from Jefferson City to Craig for sign installations.

I 15-5(64) 238 U-1 - Hardy Crk. Ramps
I 15-5(50) 239 U-1 - Cascade N. & S.(N.Sect.)
Add 2 Lanes
Cascade County
Length of Project: 2.9 miles
Contract Awarded: Feb. 28, 1977
FHWA Concurrence: Feb. 28, 1977
Amount of Contract: $459,725.41

Hilde Construction Company
P. O. Box 2287
Great Falls, Montana 59403
D.D. Moore - Mngr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
PRob. Comp. Date: Oct. 14, 1977

No progress during this reporting period. Hilde Construction plans to begin work first of August ±. Fencer, Swan and Son have moved off the project. Items and percent complete are: Move & Reset Fence, 40% and Fencing-Temporary, 50%. The project as a whole is 2% complete with 13% of the contract time elapsed. Construction layout is 90% complete with a 9 man engineering crew engaged in layout and other projects.

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concurrence: January 31, 1977
Work Started: February 24, 1977
Amount of Contract: $188,651.79

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mngr. F.P.U. (Structure)
D.D. Moore - Mngr. F.P.U. (Approaches)
Great Falls - PHone #453-2573
Comp. Time: 110 Working Days
Prob. Comp. Date: July 31, 1977

Structure - Progress has been fair. There were 5-11 men employed, placing concrete, finishing concrete backfilling and setting beams. Bents 1 thru 4 are all in place. Pre-stress beams have been set. Decking and finishing remain to be done. The structure is 51% complete with 25% of the contract time elapsed. Construction layout is 75% complete with a 2 man engineering crew engaged in inspection and other projects. Approaches - No progress during this reporting period, subcontractors, Hilde & Clark moved off project March 17, 1977. Items and percent complete are: Exc. Uncl., 100%; Compaction-Roadbed, 100%; Haul, 100% and Move & Reset Fence, 100%. The approaches are 90% complete with 16% of the contract time elapsed. Construction layout is 100% complete with a 9 man engineering crew engaged in other projects.

Department of Highways

June 6, 1977

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structures)
D.D. Moore, Mngr. F.P.U. (Approaches)
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: July 31, 1977

Structures - Progress was fair. There were 6-10 men employed forming curbs, placing concrete, stripping deck and finishing concrete. Structure 1842: All concrete has been placed, cleanup and finishing remains. This structure is 90% complete. Guard rail remains to be set and painted. Structure at 2095: All concrete has been placed, cleanup and finishing remains. The guard rail remains to be set and painted. The structure is 90% complete. Structure 301: Deck has been formed and deck re-steel is in place. Deck will be placed after the strike is over. Structure is 63% complete. The structures are 79% complete with 56% of the contract time elapsed. Construction layout is 90% complete with a 3 man engineering crew engaged in inspection and testing.
Approaches - No progress during this reporting period. No work by subcontractor, Kraus Construction Company the past two weeks. Mr. Kraus planned to resume work May 16, 1977, but was not able to due to the strike. Items and percent complete are: Exc. Uncl., 90%; Compaction-Roadbed, 90% and Haul, 90%. The project as a whole is 75% complete with 53% of the contract time elapsed. Construction layout is 100% complete with a 9 man engineering crew engaged in other projects.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich, Mngr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working DAys
Prob. Comp. Date: June 15, 1977

No progress during this reporting period, there has been no work by the contractor the last three weeks, due to the strike. Some smoke damage remains to be cleaned up, blend ing of the pier patches remains as does the removal of some piling and the bridge rail requires additional work and painting. Items and percent complete are: Repair structure, 98%; Detour & Maintain 100%; Work Bridge 95%; Bridge Rail, 90% with the other items 100%. The project as a whole is 97% complete with 82% of the contract time elapsed. Construction layout is 99% omplete with a 2 man engineering crew engaged in inspection and notes.

I 15-6(20) 304 - Teton River - N. & S.(S.SECT.)
4.3 miles - Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton, Mngr. F.P.U. (Road)
K. Minehan, Mngr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working DAys
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good-fair. Contractor completed 1½" PMBB on ML - Rest Area Ramps and parking areas remain to be done. Hauling, placing and laying 3/4" CTS "A" completed. Placed embankment protectors at Teton River and "R" - Line. Conc. Curb and Gutter at Rest Areas completed. Produced and placed 3/4" PMBS. Items and percent complete are: 1½" PMBB, 90%; 3/4" CTS "A", 98%; 3/4" PMBS Type 3, 40%; Embankment Protectors, 90% and Conc. Curb & Gutter, 100%. The project as whole is 87% complete with 47% of the contract time elapsed. Construction layout is 92% complete with a 16-22 man engineering crew engaged in layout, testing and inspection.
Structures - Progress has been good. Teton River structures: Working on Elastomeric Expansion Device part time. Separation at Sta. 788: Complete stripping deck forms and finishing concrete. Formed and poured end posts. Installed bridge rail and first coat of protective coating. The structures are 95% complete with 47% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in testing and inspection.

I 15-6(21) 304 - Teton River - N.& S.(S.Sect.)
Dual Rest Area, Lighting & Related Items
Teton County
Contract Awarded: April 5, 1977
Contract Amount: $323,589.40

Sletten Construction Company
Great Falls
S. Newton, Mngr. F.P.U.
Brady - Phone #753-2581
Comp. Time: 175 Working Days

Contractor started work on project May 31, 1977 employing two carpenters building form panels for use on comfort station. Contract time started April 28, 1977 and 13 days have been charged. Project as a whole is 0% complete with 7% of the contract time elapsed.

I 15-6(16) 308 - Teton River - N.& S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit.Base
Pl.Mix Bit. Surf.; Signing;
Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co., (Jv) Contr.
East Helena, Montana
S. Newton, Mngr. F.P.U. (Road)
K. Minehan, Mngr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: June 30, 1977

Roadway - Progress has been poor. Contractor placed cattle guards at Collins Ramps. Pre-completion inspection held on May 25, 1977. All items have been placed that do not interfer with detoured traffic pattern. Remaining work will be done when Project is opened to traffic. Cattle Guards, 67% complete. The project as a whole is 97% complete with 95% of the contract time elapsed. Construction layout is 97% complete with a 1-4 man engineering crew engaged in inspection and layout.
Structures - Final inspection was made November 23, 1976. Supporting data was submitted to Division office January 28, 1977. This portion of project is 100% complete with a 2 man engineering crew engaged in other assignments.
Traffic using 3 miles of Frontage Road Rt. begining 1/2 mile north of Teton River to 5½ miles South of Brady where resuming normal 4-lane interstate travel.

Department Of Highways

June 6, 1977

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - No. & So.
11.5 miles Gr., Aggr. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Lengthen 2
Add 2 Lanes - Teton & Pondera Counties
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co. (Jv) Contr.
East Helena, Montana
S. Newton, Mngr. F.P.U. (Road)
K. Minehan, Mngr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Completion Date: May 25, 1977

Roadway - Project was completed May 25, 1977. Final inspection was made on May 25, 1977. Final Estimate and Supporting Data will be submitted to the Division office on or about June 24, 1977.
Structure - The Supporting Data was submitted to the Division office January 24, 1977.

I 15-7(18) 330
E. Frtg. Rd. - Valier Jct. No. & So.
Pondera County
13.84 miles, Grading, Agg. Surf., Pl. Mix Bit. Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S.Birch Inc.(Jv)
Great Falls, Montana
Tom Hammerbacker, Mngr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: August 1977
Comp. Time: 140 Working Days

Progress has been good. Contractor's pipe crew installing pipe Sta. 274+10, dragline working improving railroad sight distance. Contractor producing stock piling Plant Mix Base Agg.,construction resumed June 1, 1977. Items and percent complete are: Rolling, 56%; Water, 23%; Grader-Motor, 41%; Scraper(35 cu.yd.), 49%; Scraper (14 cu.yd.), 43%; Traffic Control, .05%; Exc. Uncl., 59%; Mobilization, 25%; Topsoil Salv. & Placing, 29% and Relay Pipe Culvert, 61%. The project as a whole is 15% complete with 16% of the contract time elapsed. Construction layout is 97% complete with a 4 man engineering crew engaged in inspection and testing.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction Inc. Contr.
P. O. Box 2287, Gt. Falls, Mt. 59403
Tom Hammerbacker Mngr. F.P.U.
Conrad - Phone #278-5412
P. O. Box 1301, Conrad, Mt. 59425
Comp. Time: 110 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been good. Sub-contractor, Sandon Construction, completed pouring sidewalk Sta. 42+50 Rt. to Sta. 46+27 Rt. Contractor had three men backfilling behind the sidewalk and general cleanup. Items and percent complete are: Sidewalk-Conc. 4 in., 100% ; Sidewald-Conc. 6 in., 100% and Traffic Control, 25%. The project as a whole is 98% complete with 84% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in inspection and testing.

Department of Highways

June 6, 1977

ROS 4144 (52) U-7
6th St. S.W. Underpass - Gt. Falls
Cascade County
Contract Awarded: May 2, 1977
Contract Amount: $19,167.50

Rehbein Contracting Inc.
P. O. Box 339, Plains, Montana
Frank Robinson, Mngr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Days

A PRe-construction conference was held on May 20, 1977. Notice to proceed issued May 23, 1977. No work due to anticipated heavy traffic build up during week preceding Memorial Day Week-end. No contract time charged for past week. General laborers strike may make contractor unable to work, however, contractor indicates he will begin work during week of June 6, 1977. The project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout is 100% complete with a 1 man engineering crew engaged in engineering and work on other projects.

ROS 4144 (52) U-8
Warden Brdg. - 2nd St. Approach to 10th Ave.So.
Gt. Falls - Cascade County
Contract Awarded: May 2, 1977
Contract Amount: $12,547.00

Western Sign Corp.
P. O. Box 2669, Gt. Falls, Mt. 59403
Frank Robinson, Mngr. F.P.U.
Gt. Falls - Phone #453-2573
Comp. Time: 30 Working Days

A Pre-construction conference was held May 20, 1977. Notice to proceed issued May 23, 1977. No work due to anticipated heavy traffic build up during week preceeding Memorial Day Week-end. No contract time charged for past week. Contractor has not indicated when work will begin due to General Laborers strike. The project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout is 100% complete with a 1 man engineering crew engaged in engineering and work on other projects.

SMP 5099-77
Maintenance
Cascade, Chouteau, Lewis & Clark &
Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company
P. O. Box 1626, Gt. Falls, Mt. 59403
Glen Enderson, Mngr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The contractor completed producing and stockpiling 1/2" Gr. 4 A Top Surfacing from Pit No. 0740-55 at Fort Shaw on May 27, 1977. Tentative schedule is to begin producing and stockpiling from Pit No. 2550-37, 12 miles west of Bowmans Corners on or about June 3, 1977. Items and percent complete are: Mobilization, 13%; Haul Aggregate, 1% and Stk. Top Surf. 1/2" Gr. 4A, 13%. The project as a whole is 11% complete with 28% of the contract time elapsed. Construction layout is 0% with a 2 man engineering crew engaged in testing and notes.

James T. Sullivan - P.E.
Supvr. - Division Construction Section

JTS/EWB/ac

Progress Report

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

June 3, 1977

RECEIVED
JUN 6 1977
CONSTRUCTION BUREAU

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending June 3, 1977.

G E N E R A L

The weather this past reporting period has been generally favorable with some rain showers. The temperatures have ranged from +32° to 92°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. 1
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS 133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. 1
Havre, Montana
Telephone No. 265-6821

No work on this project the past reporting period. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey the past reporting period. All work was suspended on March 4, 1977 due to working on other projects. Centerline and bench levels are 100% complete, topography is 91% complete, check levels are 90% complete and cross-sections are 79% complete. A total of 229½ man days have been worked to date and the location is 57% complete.

RS 459 (1) Sunburst-East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier, Montana
Telephone No. 226-5811

No work on this project this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

C O N S T R U C T I O N

RS 12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Harlem, Montana
Telephone No. 353-2341
Contract Time: 140 working days
Probable Completion Date: 7/1/77

No work on this project this reporting period. All contract items are 100% complete except the seal and cover, and striping. The project as a whole is 88% complete with 71% of contract time elapsed. A 4 to 6 man engineering crew is working on notes for final estimate.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.32
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been fair. Because of the numerous days of rain this reporting period, the prime and subcontractors worked part time on the project. When in operation, 8 hr. shifts were worked with up to 40 men employed. Excavation of the street is now 100% complete. 4,000 ton of 1½" crushed base was placed on the open subgrade areas making this item 90% complete. Lift 2 of 2 type 3 plant mix and plastic striping was placed on the roadway from the beginning of the project to Sta. 538+20 making these and related items 75% complete to date. The subcontractor, Lockrem Construction Co., installed 12 of the remaining 16 drop inlets on project making drainage structures as a whole 92% complete. Another subcontractor, Randolph Construction Co., has been forming curbs and placing concrete sidewalks. The curbs are 80% complete and the sidewalks 75% complete. The project as a whole is 80% complete with 90% of the contract time elapsed. A 6 man engineering crew is assigned to inspection and construction layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Completion Date: 10/15/76

The final estimate and supporting data was submitted to the Construction Bureau on May 20, 1977. This constitutes a final entry in this report.

RF 62 (14), & RF 132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77.

Progress has been poor. All major items are complete except final cleanup and finishing which is 95% complete. The subcontractor, Gurney General Contractor, worked three shifts on signing making striping and signing 95% complete. The project as a whole is 97% complete with 80% of the contract time elapsed. A 6 man engineering crew is assigned to inspection.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr. agg. surf., pl. mix
Bit. base pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc.(J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

STRUCTURES:
Progress has been good. The subcontractor, Sletten Construction Co., worked 14 eight hour shifts with up to 11 men employed. The subcontractor has poured, stripped, and finished curbs on the Sunburst Interchange Sta. 1419. Deck stripping and finishing are nearly complete at Sta. 1419. Some deck stripping and finishing has been done on the end spans and curbs have been formed at R.R. structure Sta. 1439. Piling has been driven in bents No. 2, 3, and 4 at McVey Interchange Sta. 1644. Footings and columns are poured on bents No. 3 and 4, and bent No. 2 footings are complete. The subcontract as a whole is 71% complete. A 1 to 3 man engineering crew is presently engaged in inspection on the project.
ROADWAY:
Progress has been good. The contractor, Hilde Construction Co., Inc. worked 27 nine hour shifts with 50 to 94 men employed. 242,190 C.Y. exc. uncl. was placed between Sta. 1697 to Sta. 1800 making embt. and related items 93% complete. Drainage items remain 85% complete. Crushing operations began 5/19/77. Seventeen 9 hr. shifts were worked producing 34,000 tons pl. mix bit. base 1½" Gr. 1 aggregate and hauled to stockpile Rt. of Sta. 1744. The subcontractor, Clark & Son, did not work this period. Fencing items remain 81% complete and seeding and related items remain 21% complete. The subcontractor, Western Sign, Inc., worked one 8 hr. shift employing 4 men removing 637.5 Lin. Ft. guard rail. The contract as a whole is 54% complete with 57% of the contract time elapsed. A 10 man engineering crew worked 15 days inspecting contractors operations and misc. survey work.
UTILITIES:
Burlington Northern RR did not work this reporting period. Their revisions remain 55% complete.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co.,Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 230 working days
Probable Completion Date: 6/30/77

Progress has been fair. The contractor worked one 9 hr. shift per day with up to 13 men employed. Completed the first application of MC-800 and cover material on 5/11/77. Swan and Son employed 6 men on one 9 hr. shift per day and completed the fencing on 5/13/77. Utility Builders employed 8 men on one 10 hr. shift per day and completed placing ditch liner on 5/13/77. Western Sign Corporation employed 3 men on one 9 hr. shift per day and completed all signing on 5/17/77. The project as a whole is 99% complete with 96% of the contract time elapsed. A 9 man engineering crew is inspecting and miscellaneous staking.

I-15-8 (28) 343 U-2
Toole County Line North
1-Prestressed conc. girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/2/76.

No work on this project. Work on the final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (28) 343 Unit 3
Toole County Line-North
Dual 481.5' prestressed
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Completion Date: 10/30/76

No work on this project. Work on the final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (33) 343
Toole County Line-North
8.314 mi. agg. surf.,
pl. mix bit surf. & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work started: 5/16/77

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable Completion date: 11/15/77.

The subcontractor, Western Sign Corp., started work on this project on May 16, 1977. Employed 3 men on one 6 hr. shift setting up signs. The project as a whole is 0% complete with 13% of

the contract time elapsed. A 6 man engineering crew is setting control points, running centerline and miscellaneous staking.

RF FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77.

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion date: 11/15/77

Progress has been good. The contractor, Hilde Construction Co., worked seventeen 9 hr. shifts with 27 men employed. Installed 454 Ln. Ft. culverts for a total of 1,163 Ln. Ft. or 43% complete. Excavated and compacted 38,000 C.Y. for 5 % complete. The subcontractor, Swan and Son, had 6 men employed, installing 1,094 rods F-4W fence and related items for 28% complete. The project as a whole is 3% complete with 18% of the contract time elapsed. A 5 man engineering crew is engaged in construction inspection and survey work.
UTILITIES:
Mountain States Telephone Co. continued working on line revision with a 5 man crew. New line is 75% complete. The old line is still in service and remains to be moved.

RS-432-1 (2) 27
Big Sandy-Rudyard
7.3 mi. Chouteau & Hill Counties
Grade, Aggr. Surf. pl. mix
base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work not Started

Wickens Brothers
Lewistown, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 140 working days
Probable completion date: 7/1/78

A one to six man engineering crew started work on construction layout on 5/11/77. Re-established centerline is 100% complete. R/W line is 50% complete. Construction layout as a whole is 25% complete.

TQS-464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77
Contract Amount: $127,436.90
Work Started: 4/26/77

E. F. Matelich Construction Co.,
Kalispell, Montana
Albert Bonner, Fld. Proj. Mgr.
Browning, Montana
Contract Time: 90 working days
Probable Completion Date: 8/31/77

Progress has been fair. The subcontractor, Evensen, worked seven 8 hour shifts with 5 men employed, and completed the dirt work on 5/25/77. The prime contractor, Matlich Construction Co., worked fourteen 8 hr. shifts with 2 to 8 men employed. Piling has been completed and reinforcing steel has been placed at pier 2 and bents 1 and 3. Pier 2 and bents 1 and 3 are being formed for concrete. At the close of work 6/3/77, 34 days of the alloted 90 working days have been used. The project as a whole is 15% complete with 38% of the total working days used. A 2 man engineering crew is in project inspection and layout.

TQS-464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 miles Glacier County
Grade, gravel, & pl. mix base
Contract not let

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5911

No work by the utility companies this period.

HHS 1-6 (1) 384
U.S. 2 East of Havre
Intersection Improvement
Grade, aggr. surf., pl. mix
Bit. surf.
0.325 mi. Hill County
Contract Let: 12/16/76
Contract Amount: $84,728.80
Work Started: 4/11/77

Baltrusch Construction Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 7/1/77

Progress has been fair. Because of the numerous days of rain this reporting period, the contractor worked but 8 days on the project. When in operation, an 8 hr. shift was worked with up to 14 men employed. The contractor hauled to the roadway the remaining 1½" crushed base required for the project making this item 100% complete. 3/4" top surface material was placed on the roadway 6/1/77 making this item 100% complete. The contractor has been preparing the topsoil for seeding. These and related items are 75% complete. The project as a whole is 60% complete with 83% of the contract time elapsed. A four man engineering crew is assigned to inspection and layout.

F-1-6 (2) 382
U. S. 2 - Havre (E. Section)
1.9 miles, Hill County
Grade, gravel surf., pl. mix surf.,
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work not started

Baltrusch Construction, Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 8/30/78

There has been no work on relocating utilities this reporting period. This item is 35% complete to date. The construction centerline and R/W layout is 75% complete. The staking is 50% complete and construction layout as a whole is 10% complete.

SMP 5199-77
Various Roads
Crush & Stockpile
Blaine, Glacier, Pondera
and Toole Counties
Contract Let: 1/27/77
Contract Amount: $98,070.00
Work Started: 2/24/77.

Hilde Construction Co., Inc.
Great Falls, Montana
William Neely, Lab. Supv. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 55 working days
Completion Date: 4/22/77

The final estimate was submitted to the Construction Bureau on 5/20/77. This constitutes a final entry in this report.

ROS 4144 (52) U-3 &
ROS 4144 (52) U-10
Havre-Simpson and
Fort Benton-Big Sandy
Bridge and Guardrail
0.149 miles
Hill & Chouteau Counties
Contract Let: 2/24/77

Western Sign Corporation
Great Falls, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 7/1/77.

There has been no work this reporting period. The U-10 portion of the contract was completed 5/5/77. A suspension of contract time was given at the close of work 5/5/77 because of the unavailability of guard rail material from the manufactor for U-3 portion of the contract. The project as a whole is 75% complete with 30% of the contract time elapsed.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E. Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
JUNE 2, 1977

RECEIVED
JUN 6 1977

DEPARTMENT OF HIGHWAYS
Helena, Montana

CONSTRUCTION BUREAU
PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending May 31, 1977.

GENERAL

Progress throughout the Division has been fair. The weather was mostly fair. Temperatures ranged from +40 degrees to +95 degrees. Progress has been hampered by laborers strike.

PRECONSTRUCTION

M-5002(1)
Glendive - Dawson County

David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Comp. Date - May 9, 1977

Survey completed May 9, 1977 with 148 man days used. Notes and supporting data submitted to Helena on May 12, 1977. This is the final report on this project.

F-25-1(1) CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977

Unassigned

Work will begin when personnel are available.

F-42-1(1)0 FLOWING WELLS - NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

LeRoy Anderson, Lab. Supv.
Wolf Point, Montana - Phone 653-1050
Est. Comp. Date(Soil Survey) - July 15, 197

Soil survey was started May 23, 1977 with 2 men working 4 days obtaining samples which are 100% complete. Seven mandays used by lab personnel on soils analysis tests which are 25% complete. The soil survey as a whole is 35% complete with 15 mandays used.

F-RF-245(12), SAVAGE - CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Design Started - August 4, 1975
Est. Comp. Date - May 1, 1978

No work on this project during the past period. Fly line, centerline, bench levels and cross sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 mandays used to date. To date 26½ mandays have been used checking topog on hardshell, tracing linen plan sheets and plotting profile on plan sheets. Design is 3% complete with 26½ mandays used to date.

RF-325(9), SIDNEY - FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 mandays used to date.

4370, YELLOWSTONE RIVER BRIDGE AT SIDNEY
Ground Control
Survey Authorized - May 5, 1977

Unassigned

Work will begin when personnel are available.

S-201-2(1)39, PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 mandays used to date.

RS-252-1(1), CIRCLE-NORTHWEST
Length - 10.524 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975

H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1978

A four man crew resumed work on this project May 23, 1977. Work consisted of rerunning Lt. Sta. 380+ to Sta. 470+00 and running Lt. Sta. 470+00 to Sta. 611+15.4, using 25 mandays for a total to date of 441.5. The survey as a whole is 48% complete.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-261-1(2), WIBAUX-NORTH
Length - 4.8 Miles
Survey Authorized - Dec. 28, 1976

Unassigned

Work will begin when personnel are available.

S-323-1(1)27, ALZADA-EKALAKA
Length - 18.4 Miles
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Eight-eight mandays used to date. Work has been suspended until personnel are available.

PROGRESS REPORT

PRECONSTRUCTION

S-335-1(1)2, 2ND SECTION, MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - Aug. 30, 1977

No work on this project during the past period. Plans were sent to Helena for P.I.H. prints on May 4, 1977. Design is 50% complete with 105½ mandays used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. - Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Str.
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - November 30, 1977

Progress this past period has been fair. Prime contractor Joe Mayo & Son, Inc. employed 48 men for eleven 9-hour shifts, hauling and placing 95,345 cu. yds. of unclassified excavation making the Fallon portion 96% complete and Powder River portion 100% complete, excavated 4,263 cu. yds. of culvert excavation for 63% complete, installed 676 lineal feet of CSP drain making the culvert items 70% complete, and produced and hauled 10,045 tons of 1½" CBC on the Powder River Portion making this item as a whole 36% complete. The grading, culvert and topsoil replacement items on the Powder River Portion of the contract are now 100% complete and the surfacing items are now underway. Sub-contractor Swingen Const. Co. employed 4 to 5 men six 8-hour shifts forming and pouring 933 sq. yds. ditch liner on the Powder River Portion and 16 men for eight 8-hour and one 11-hour shifts forming superstructure, tieing reinforcing steel and depositing concrete for deck on westbound lane of bridge over B.N.R.R. Project as a whole is 72% complete with 166 working days or 63% of the contract time elapsed. Construction layout is 93% complete with nine engineers and six inspectors or testers employed this past period.

I-94-5(15)183 UNIT 2
FALLON - DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - June 30, 1977

No work in progress this past period. The only work remaining is the backfilling of side anchor on Fish and Game land, seeding of three side anchor areas and some minor repair of bruises and chips in concrete units. No word has been received from the contractor as to when this work will be completed. Project remains 99.9% complete with 87 working days used or 67% of the contract time elapsed. Final estimate and supporting data is 99% complete and the completed portion has been checked in the Division office.

PROGRESS REPORT

CONSTRUCTION

I-94-5(15)183 UNIT 3
FALLON - DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - Jan. 27, 1977
Amount of Contract - $1,005,548.41
Work Started - April 21, 1977

Weyher Construction Company
P. O. Box 628, Salt Lake City, UT 84110
A. J. Kuntz, Fld. Proj. Manager
Glendive, Montana - Phone 365-5296
Prob. Comp. Date - June 1, 1978

Progress during the past period has been poor. Thirteen 8-hour shifts were worked with 3 to 15 men employed. Project has been under laborer pickets since May 18, 1977 and all work, due to strike, ceased end of shift May 26, 1977. Forming of deck was completed from Bent No. 1 to an area near Pier No. 4 on the EBL. Inland Re-bar, Inc. started placing and tieing deck resteel May 23, 1977 and completed same for Span No. 2 and half of Span No. 3. All the resteel for the project was delivered as of June 1, 1977. Project as a whole is 3% complete with 30 working days used or 20% of the contract time elapsed. Construction layout with one engineer and one aid part time is 16% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - June 10, 1977

Contractor Rainmaker Inc. returned to the project on April 29, 1977 and replaced the 35 various shrubs and trees that needed to be replaced with the acceptable substitues. The project is now 100% complete with 100% of the contract time elapsed and the acceptance date is expected to be June 10, 1977. The final notes and white prints have been checked in the Division office.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(29)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - Oct. 1, 1977

Progress this past period has been poor. Prime contractor Joe Mayo & Son worked two 8-hour shifts employing 8 men. Work consisted of installing R/W monuments completing this item and cleanup of the project. The project as a whole is 98% complete with 221 working days used or 90% of the contract time elapsed. Construction layout is 100% complete. One to two engineers working on final quantities.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
David A. McCloy, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - November 1, 1977

Progress during the past period was fair. Prime contractor Joe Mayo & Son striped and stockpiled 13,800 cu. yds. of topsoil; and moved 28,000 cu. yds. of Uncl. Exc. Employed 15 men for eleven 9-hour shifts. Structure sub-contractor F. L. Flynn & Co. employed a total of 12 men for twelve 8-hour shifts. Work consisted of completing the placement of prestressed concrete beams with forming work in progress for deck slab and placing concrete for all diaphragms and backwall, Abut. No. 4 on westbound structure over Hodges County Road. Finishing concrete work in progress and erected bridge rail on westbound Grade Separation Str. at St. 1217+50. Major structure items and percent complete are: Class "AD" Concrete 50%; Reinf. Steel 39%; Steel Bridge Rail Type 5, 27%. This sub-contract is 54% complete. All work was stopped on structures May 27, 1977 due to the laborers strike and remains in effect. The project is estimated at 18% complete with 18% of the contract time charged to date, with four to nine engineers and testers employed this past period.

RF-391(16), LAMBERT - EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Prob. Comp. Date - June 30, 1977

Sixteen men worked sixteen 8-hour shifts this past period crushing and stockpiling ½" cover aggregate for the entire project and completed stockpiling June 1, 1977. All items remain at 100% complete with the exception of seal and cover application and final pavement marking. The project as a whole is 75% complete with 72 days or 65% of the contract time elapsed. The construction layout is 100% complete. One state inspector is engaged on the project.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base & Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 58718
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 160 Working Days
Prob. Comp. Date - Aug. 30, 1977

RS-128(12) Cont....

Progress has been fair. Thirteen to twenty men on grading crew worked twelve 9-hour shifts this past period grading and installing small drainage structures in miles 2 and 3, finishing slopes and ditches in miles 4, 5 and 6. Gravel crew moved to another project on May 12 after having completed crushing and stockpiling all surfacing material for the project. Gravel laydown crew began moving in equipment the week of May 23, will begin hauling when sub-grade is finished on any one mile section of roadway. Items and percent complete are: Unclassified Excavation 91%; Culvert installation 91%; Fencing 95%; Riprap 91%; "DD" Concrete 100%; Stockpiled surfacing materials 100%. The road portion of the project is 50% complete, bridge is 98% complete with handrail painting the only work remaining. The project as a whole is 54% complete with 126 days or 77% of the contract time elapsed. The construction layout is 100% complete with a six man engineering and inspection crew engaged on the project.

RS-302(23), TERRY - BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Pl. Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
B. F. Kelly, Fld. Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - July 15, 1977

Progress this past period has been good. Contractor Joe Mayo & Son, Inc. worked one 8-hour shift producing 2441 tons 1 Inch CBS Grade 6A making a total to date of 86,239 tons or 100% complete. Also worked eight various shifts producing 16,846 tons of 1 Inch Plant Mix Bit. Base Grade 2 making this 100% complete. The project as a whole is 95% complete with 165 working days used or 91% of contract time elapsed. Construction layout with 5 to 16 men working is estimated to be 88% complete.

RS-394(3), WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf. & Prestressed Con. Gir. Bdg.
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Const. & S. Birch, Inc.
P. O. Box 2167, Great Falls, Mont. 59403
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days

Progress this past period has been good. Prime contractor worked eleven 9-hour shifts and one 3-hour shift employing 34 men hauling and placing 73,400 cu. yds. Unc. Exc. making this item 35% complete. 669 l.f. of minor drainage items installed making the minor drainage items 42% complete. 470 l.f. major drainage items installed making this item 76% complete. Topsoil operations from Sta. 340 to 400 underway for 13,984 c.yd. this period for a total to date of 21,984 or 40% complete. Bridge work in progress on the bridge over Little Beaver Creek, consisted of furnishing and driving treated timber piles and placing Class "DD" Concrete for the ftg. of Pier No. 2. The contractor worked eleven 9-hour shifts and one 3-hour shift during the period with an average of five men employed. The structure as a whole is 25% complete. Bridge layout with a one man engr. crew engaged is 30% complete. Fencing sub-contractor Swan & Son worked two 9-hour shifts employing 6 men driving posts and hanging wire for 763 rods this past period for a total to date of 1454 rods or 24% complete. The roadway construction layout with a 5 man crew and 4 inspectors is 88% complete. The project as a whole is 23% complete with 31 working days or 21% of the contract time elapsed.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/JMB/sb

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DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
June 3, 1977

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending June 3, 1977.

GENERAL

The weather has been warm with measurable amounts of precipitation. Road construction with the exception of minor work has not been resumed. Work on off system road projects have not resumed but off system signing has started in some areas. The temperatures ranged from a low of 46 degrees to a high of 95 degrees.

PRECONSTRUCTION

F 1-8( ), Dodson-Malta (Overlay)
Approximately 9 Miles in Length
Authorized--01-28-77
Design Started--02-02-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-03-77 (PIH)

One man day used the past period. A total of 21 man days have been used on design to date. Design is approximately 50% complete. Proposed plans were mailed to Helena.

HHS 1-8(2)454, Dodson-East (Seal & Cover)
Approximately 3.6 Miles in Length
Authorized--04-22-77
Design Started--05-17-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-01-77

Four man days used the past period. Design is 50% complete. Proposed plans were mailed to Helena 06-01-77.

HHS 1-9(6)541, Glasgow-East (Seal & Cover)
Approximately 2.3 Miles in Length
Authorized--04-22-77
Design Started--05-10-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-01-77

Four man days used this past period on design. A total of five man days have been used to date on design. Design is approximately 50% complete. Proposed plans were mailed to Helena 06-01-77.

HHS 1-9(7)565, Frazer-West (Seal & Cover)
Approximately 6.9 Miles in Length
Authorized--04-22-77
Design Started--05-09-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-01-77

Three man days used this past period on design. A total of four man days have been used to date on design. Design is approximately 50% complete. Proposed plans were mailed to Helena 06-01-77.

F 1-0(2)611, Poplar-Brockton (Overlay)
Approximately 14.5 Miles
Authorized--03-16-77
Design Started--05-31-77

Robert Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--

Two man days were used this past period preparing typical sections. A total of two man days have been used on design to date. Design is approximately 5% complete.

F 32-2(1), Port of Scobey Access
Length--0.1 Mile
Authorized--03-30-77
Location Survey Started--04-04-77
Location Survey Completed--

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--05-06-77 (PIH)

Two man days were used by Division Office personnel preparing plan sheets and summation of quantities. Design is approximately 55% complete with a total of 35 man days used to date.

F 193(22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--03-31-78

No work on project this past period. Survey crew engaged on construction projects. Closing of survey with DMD instrument is completed, several section ties remain for checking. Percentages complete on the 10.1 mile survey remain as follows: centerline, bench levels, profile and section ties 100% complete; topography 5% complete. The project as a whole is 63% complete with 581 man days used to date. Estimated date of completion is March 31, 1978.

RS 239(5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--06-30-77 (PIH)

Ten man days were used on design this past period on the line change. Design remains 5% complete.

TQS 250-1(2)37, Wolf Point N & E Loop
Formerly S 98(3)
Approximately 6 Miles in Length
Authorized--12-28-76
Design Started--01-04-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050

PIH inspection was completed 04-28-77. County forces are working on the grading portion of this project. Two man days were used on design this past period making PIH corrections. Design is approximately 55% complete.

RS 257(5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76 (Location)
Est. Compl. Date--12-15-76 (PIH)

No work on this project the past period. The location survey is 100% complete on the staked line. A total of 159 man days have been used to date on design. Plans are 50% complete and ready for PIH prints. Waiting for determination of which construction alternate will be proposed. Valley County officials have submitted their recommendation to headquarters.

RF 266(11), Macon-North
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1301
Est. Compl. Date--06-30-77

Centerline, bench levels and topography are 100% complete. Section ties are 60% complete. The project as a whole is 50% complete. 75 man days used this period for a total to date of 276 man days.

RF 266(14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77

George Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--06-15-77

Four men worked three days checking centerline and semi-tangents and closing traverse with a DMD machine. Levels and check levels have been completed for 100% complete. Topography has been completed Stations 2075+00 to 2409+00 and 2459+00 to 2486+00 for 60% complete. Cross sectioning has been completed Stations 2274+00 to 2280+00 and 2460+00 to 2489+00 including the bridge survey at the Poplar River for 10% complete. The survey as a whole is 45% complete with 286 man days used to date.

F 273(16), Missouri River Bridge-
South of Culbertson
Approximately 0.2 Miles in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--06-15-77

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

CONSTRUCTION

RF 001-9-(001)644.2, Culbertson-
Diamond Creek
Contract Let--03-31-77
Contract Awarded--04-01-77
Proceed Order Date--04-22-77
Work Started--
Bid Price--$85,761.00

Rehbein Contracting, Inc.
Plains, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--30
Prob. Compl. Date--06-30-77

No work on project this past period. The preconstruction conference for the project was held on 05-27-77 where the contractor's engineer advised that work on the project is expected to begin (labor problems and culvert delivery not conflicting) the week of June 6th. The construction layout is 75% complete. Staking notes have been submitted to Helena for a run of quantities. No contract time charged as per item #9 of the special provisions. Estimated date of completion is 06-30-77. Engineering crew is engaged on other projects.

RS 15(17) & RS 202(6),
Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--06-15-77

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically checking field notes for supporting data.

RF 153(12)U-1, US #2-Dodson
0.3 Mile in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-01-77

No work in progress. Six man days were used working on notes. All other personnel assigned to other projects.

RS 248-2(2)18, Opheim-Scobey
Formerly S 8(12)
Lenth--4.4 Miles
Contract Let--05-26-77
Contract Awarded--
Proceed Order Date--
Bid Price--$669,459.08
Work Started--

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days--110
Prob. Compl. Date--

Reference line and staking of earthwork quantities is 100% complete. Construction layout as a whole is 60% complete. All personnel are assigned to other projects.

RRP 266(18), Grade Crossing Signals
Contract Awarded--05-23-77
Proceed Order Date--
Work Started--

Burlington Northern, Inc.
St. Paul, Minnesota
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391

Burlington Northern, Inc., was authorized to proceed with the installation of signal 05-23-77.

ROS 4144(52)U-9, Bridge End Protection
Missouri River Bridge near Wolf Point
0.378 Mile in Length
Bridge end guard rail and advance flashing beacons
Contract Let--04-28-77
Contract Awarded--05-02-77
Proceed Order Date--
Bid Price--$27,158.75
Work Started--

Stuber Construction Company
Glasgow, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1301
Working Days--30
Prob. Compl. Date--

A preconstruction conference was held 05-18-77. Contractor started work on 05-31-77. Work consisted of putting up the construction signs and removing portions of the old guard rail. Two contractor employees worked 2-8 hour shifts. Project is 3% complete with 20% of the contract time elapsed. One to five state employees are engaged on the project.

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:psb

cc: Field Project Managers
Don Williams
File

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DEPARTMENT OF HIGHWAYS
Billings, Montana

June 3, 1977

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the report period ending June 3, 1977.

GENERAL

Temperatures ranging from +45 to +70 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout the area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

4370 - Yellowstone R. Br.-E. Billings
Photogrammetric Ground Control
Length 0.5 Miles
Survey Authorized 5-5-77
Work Started

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-30-77

A four man crew spent 13½ man-days completing the level circuits necessary to determine the elevations of points shown on the aerial photos. Measurement of the distance wanted, is delayed until the E.D.M. equipment is available.

F-4-1(1)0
Wyoming Line No.
Length 19.5 Miles
Survey Authorized 4-12-77
Work Not Started

Engineer Unassigned
Probable Completion Date 12-15-77

Work on this fencing location will begin when personnel are available.

U-16-1(3) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76
Work Not Started

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

Two men worked on this project during the last reporting period, checking plan in hand and public hearing plans. Design data has been submitted to Helena for printing of plans. Design work is 50 % complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Survey will commence as soon as personnel are available. Project is 0 % complete.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Work was suspended on February 20 and will continue when personnel are made available.

RS-132(7) Billings - South
8.2 Miles - Location Survey
Survey Authorized 2-26-76
Survey Started 2-14-77

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 8-1-77

There were no men assigned to the Billings South project from April 11, 1977 through May 27, 1977. The project is 28 % complete.

S-332-2(1) Brandenberg - Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

One man worked on this project during the past reporting period, checking grades and data processing code sheets to include the extended section of the project. Design work is 52 % complete and the estimated completion date is January 31, 1979.

RS-306-1(1)0 Columbus - North
3.6 Miles
Survey Authorzied 12-10-75
Survey Started 12-22-75

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No work was accomplished on this project during the last reporting period. Design work has not been started on this project. The estimated completion date is April 1, 1982.

S-447-1(1)29 Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-25-77

Two men worked on this project during the past reporting period, checking final design work on the project. All design data has been submitted to Helena for final checking. Design work is 90 % complete and this is a final newsletter.

S-463-1(1)0 Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the past reporting period. Design work is 50 % complete and the estimated completion date is May 5, 1982.

DP-50(7) Sarpy Creek Road
Photogrammetric Control 27±
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 10-1-77

No work was done on the project this period. Photos and control data have been submitted to Helena and section corner location will continue as time permits.

DP-CT 384-2(2)32 - Sarpy Creek Rd. -So. Section
8.7 Miles-Pl. Mix Base, Pl. Mix Surf.
Treasure County
Contract to be let 6-23-77

Donald C. Kittelson, Fld. Project Mgr.
Billings, Montana
Phone No.: 665-3995
Contract Time: 100 Working Days
Probable Completion Date: Unknown

The Contract for this project is scheduled for letting on June 23, 1977. A five man survey crew began working on the project on May 25, 1977. The control points for the centerline and reference lines have been located from Station 5+00 to Station 81+00. Two reference lines have been run from Station 5+00 to Station 81+00. Engineering layout is 3 % complete.

DP-334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 12-1-77

No work was done by the Field Engineering Crew for the past two weeks. All the personnel was assigned to the following construction projects I-90-9(28)509 U-1, I-90-9(34)491 and FI 188(10). The project is 74 % complete.

CONSTRUCTION

I-IG-90-8(64)391 U1 & I-90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Contract Awarded 6-5-75
Work Started 6-26-76

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 260 Working Days
Probable Completion Date 6-15-77

The contractor did not work on the project during this period. All of the items are 100 % complete except for some patching and some clean-up work. The project is 99 % complete with 90 % of the contract time elapsed. No engineering personnel were assigned to the project during this period.

I-90-9(28)509 U1 and I-90-9(34)491 &
FI 188 (10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 6-30-77

Work this past two weeks consisted of Schmoll Construction, Inc. with four men for six-eight hour shifts, placing guardrail, hanging signs and setting treated timber posts on the Safety I-90-9(34)491 and Garryowen North & South projects. Empire Sand & Gravel Co. with six men for six-nine hour shifts, on general cleanup. Wickens Brothers Construction with five men for six-eight hour shifts, building control access fence Station 910+00 to Station 51+70 and on general clean-up of the project. The remainder of the reporting period was lost due to the labor strike. The contract as a whole is 98 % complete with 86 % of the contract and extension time elapsed. One man is working in the office on field notes and computations for the construction projects. The survey crew has been working on the Garryowen North and South and the Crow Agency-East Frontage Road and safety projects with inspection and related field engineering.

I-90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 6-15-77

Progress this past week has been fair. The contractor worked one-nine hour shift, while employing 20 men. The seal coat and cover material was applied between Station 340+00 to Station 496+00. No other work was accomplished, due to the labor strike. The project as a whole is 92 % complete with 81 % of the contract and extension time elapsed. A five man engineering crew was assigned to construction inspection for one day.

I-94-1(37)50 Unit 1
Structure and Approaches Bighorn
River 0.22 Miles Yellowstone & Treasure Co's.
Contract Awarded 2-28-77
Amount of Contract - $1,007,315.91
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 210 Working Days
Probable Completion Date 12-1-77

Fair progress. The contractor worked eight-eight hour shifts and employed six men on the project backfilling Bent No. 2 and working on work bridge. The subcontractor worked nine-eight hour shifts and employed seven men on the project hauling excavation-unclass, placing riprap and laying pipe. The project was slowed down due to labor strike. Percentage Items Complete: Str. Excavation TY 1, 86 %, Excavation-Unclass 50 %, Compaction-Roadbed 44 %, Traffic Control 11 %, Riprap-Reset 55 %, CSP 24 In.-.064, 75 %.

I-94-1(37)50 Unit 1 - Continued

All other Items remain the same. The project is 3 % complete with 30 working days or 14 % of the contract time elapsed. Structure and approach staking and computations are 4 % complete. Fifty-five man days have been charged to the project this newsletter period.

I-94-2(17)60 U1 & I-94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 8-1-77

Progress has been poor. The contractor lost five working days to adverse weather conditions, and five days due to laborer strike. Empire Sand & Gravel Co., Inc. contractor worked eight days crushing and hauling Base Surfacing. There are no pickets at crusher site this date and contractor is crushing and hauling. Eighteen men were employed working ten hour shifts. Hot plant operation started on May 23, 1977 with fair progress for the first day of operation. Laborer Union is picketing this operation and contractor is not hauling material to the road. Contractor is running Plant Mix Base Material thru the dryer to eliminate the excess moisture in this material. Contractor plans to work six-eleven hour shifts and will employe sixteen men. Frank Gurney, Inc. sub-contractor, worked ten-eight hour shifts on the add one lane portion installing guardrail. He is not working at present time due to laborer strike. He employed five men. Swan & Sons, sub-contractor, worked five-eight hour shifts installing cattleguards at the ranch access interchange and fencing this area. He is not working at the present time due to laborer strike. He employed five men. Seventeen employees are presently assigned to this project. Construction layout is 72 % complete. Present complete of various items are as follows: Grading 97 %, Surfacing 50 %, Drainage 94 %, Structure 97 %, Fencing 78 %, Signing 16 %, Project as a whole 72 %. 256 of the allotted 306 working days have now been used, making 84 % of the contract time elapsed.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 9-1-77

Poor progress because of work being suspended on 5-24-77 due to a laborer's strike and because of rainy conditions. The contractor worked five-eight hour shifts hauling Unclassified Excavation between Stations 32+00 to 55+00, 59+00 to 139+00 and 130+00 to 155+00. Pipe crew placed 97' of 18" CSP opt. #1 in approaches. Some class DD & AC-DC concrete was placed in the headwalls and ditch lining lt. & rt. of 54+19. The structure crew worked eleven-eight hour shifts and employed an average of eight men. 8.2 cu. yds. of concrete were placed in the curbs and end posts at Station 39+84.5. The contractor has been removing deck slab and curb forms and finishing concrete on both structures. Bozeman Sand and Gravel Co., sub-contractor, hauling 30,443 tons of

RF 108(16) Billings - North Continued

1½" Base Course from stockpile to the roadway stations: 355+99 to 393+26, 276+00 to 335+00, 156+00 to 167+67 and 317+00 to 335+00. Hauled 661 tons of 3/4" Gr. 2 from stockpile to 386+00 to 341+00 Ah.. On the roadway items the grading is 68 % complete, the drainage items are 72 % complete, fencing is 85 % complete, surfacing items are 39 % complete and the concrete items are 11 % complete. On the structures class AD conc. is 100 % complete reinforcing steel is 100 % complete and the structures as a whole are 95 % complete. The project is 50 % complete with 30 % of the contract time elapsed. An average of 42 men were employed. Thirteen persons were assigned to the project for engineering and inspection work, and a two man crew was engaged in structure layout and inspection. The structure layout is 95 % complete and the roadway engineering layout is 29 % complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 7-1-77

There was no work in progress this reporting period. The project is complete except for the installation of Traffic Signals at Center Avenue and Third Street which will be done at a later date under Extra Work Order No. 2. A letter of conditional acceptance was issued on April 21, 1977. A shutdown is in effect due to the conditional acceptance. The Miscellaneous items are 100 % complete. The Grading items are 100 % complete. The Drainage items are 100 % complete. The Surfacing items are 100 % complete. The Curb and Gutter items are 100 % complete. The Signing and Lighting items remain 97 % complete. The Fencing items are 100 % complete. The project as a whole is 97 % complete with 139 working days of the 216 allowed having been used or 64 % of the contract time elapsed. Two men have been working in the office on the project final. Engineering layout is 100 % complete.

M 1006(1) Broadwater Avenue
12th to 14th Street West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Completion Date 4-22-77

The project has been completed and there has been an average of two men working 13 days in the office on the project final.

M 1008(2) Central Avenue Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 6-15-77

The subcontractor, Frank Gurney, Inc., worked three-eight hour shifts with four men employed. Work consisted of hauling, placing, & aligning jersey barrier rail.

M 1008(2) Central Avenue Ramp - Continued

Work was terminated because two sections of the flared end terminal section were broken while being unloaded. These sections have to be cast and cured in the Helena Plant and it will take approximately two weeks to replace the sections. In the mean time the laborers went out on strike and no work has been done since that time. The subcontractor, Stolzenburg, Inc., had an average of five men employed and worked one-eight hour shift. Work consisted of finish grading on the slopes, median sections, and placing topsoil. The subcontractor, Barry O'Leary ,Inc., had two men employed and worked one-four hour shift exchanging the lids on the storm sewer and sanitary sewer at the intersection of 7th and Cline. Topsoil Salvaging and placing is approximately 80 % complete, Base Course 1½ In Gr. 5 A is 100 % complete, Base Course 3 In Gr. 2 A is 100 % complete, Top Surf. 3/4 In Gr. 2 A is 100 % complete, Plant Mix Bit Surf Type 3 is approximately 95 % complete, Curb and Gutter- Conc is approximately 95 % complete and Barrier R1 - Conc - Precast is 90 % complete. All other items remain the same as previously reported. Contract time elapsed has been 121 working days or 81 % to date and 30 working days remain. Engineering time charged to the project during the past reporting period has been 48 man-days. The project as a whole is approximately 90 % complete.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf., Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-30-77

There has been no work done on the project during the past reporting period. All items remain the same as previously reported. No contract time has been charged to the project in accordance with Spec. Prov. 1B. Engineering time charged to the project during the past reporting period has been 2½ man-days. The project as a whole remains approximately 4 % complete.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf.,
Bit. Base, Signing, in Carbon County
Contract Amount $1,122,589.78
Contract Awarded 4-1-77
Work Not Started

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 12-1-77

Swan & Son Construction, Inc. worked eleven-nine hour shifts on fencing items. They employed five men. Fencing Items are 59 % complete. Rehbein Contracting, Inc. worked eleven-nine hour shifts on grading and drainage items with 18 men employed. Rain, snow and muddy field conditions prevented work on four days. The contractor moved 76, 444 Cu. Yds. Unclass. Exc. for a total to date of 76,444 Cu. Yds. Grading Items are 26 % complete. The contractor installed 90' of CSP 24" .064-A BIT, 106' of CSP IR 24" .064-A BIT, 122' of CSP IR 30" .064, 548' of RCP 24" Class 2, 80' of RCP IRR 24" Class 2 and 44' of 18" Optional Pipe. Drainage Items are 12 % complete. An eleven man engineering crew has been working on notes, staking culverts, slope staking and inspecting construction. Construction layout is 55 % complete. The project is 13 % complete with 11 % of the contract time elapsed.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days
Probable Completion Date 6-15-77

The contractor did not work during this period. Bridge Items are 100 % complete. Grading Items are 100 % complete. Surfacing Items are 91 % complete. Drainage Items are 100 % complete. Seeding Items are 98 % complete. Guard Rail Items are 100 % complete. Signing Items & Striping Items are 43 % complete. Fencing Items are 99 % complete. Construction layout is 98 % complete. No time is being charged until weather is suitable for seal coat and cover. The project is 98 % complete with 92 % of the contract time elapsed.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base
and Structure - Treasure County
Contract to be let 5-26-77

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317

A six man engineering crew worked twelve days this reporting period slope staking. The slope staking portion of this project is 75 % complete, and construction layout is 8 % complete. Big Timber Electric, contractor for the Montana Telephone Co., worked on the relocation of their cable this reporting period. They employed three men. Mid-Yellowstone Electric Cooperative, Inc., worked on pole relocation and employed three men. This project was let for contract May 26, 1977 but has not been awarded as of 6-2-77.

DP 384-1(4)0 Hardin East
19.0 Miles - Pl. Mix Bit. Base Overlay
Seal & Cover, in Big Horn County
Contract Amount $845,091.24
Contract Awarded 4-1-77
Work Not Started

Border States Paving, Inc.
Fargo, North Dakota
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 110 Working Days
Probable Completion Date: 8-1-77

The contract for this project was awarded on April 1, 1977. A Notice to Proceed with the Work Order has been received effective April 22, 1977. Work has not begun as of this date. Twenty-two days of the 110 working days allowed have been used or 20 % of the contract time elapsed. The reference and poppy lines have been run from Station 17+46.2 to 1038+11.2. Profiles have been run on bridge ends and out of section areas throughout the project. Engineering layout is 38 % complete.

HHS 212(20) Lodge Grass- North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount-$322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 6-15-77

There has been no progress this past week, due to the Labor Strike. The project as a whole remains the same at 92 % complete with 91 % of the contract and extension time elapsed. No engineering personnel were assigned to the project.

HHS 4-2(1)52 U1-Main St. & 1st Ave.-Laurel
Installation of traffic control devices
0.01 Miles
Contract Amount $44,966.00
Contract Awarded 1-31-77
Work Not Started

Midland Electric Co.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 6-30-77

No work has been done by the contractor during the past reporting period. The contractor is currently on a shut down in accordance with Spec. Prov. 1B. Engineering time charged to the project has been four man-days with one man working in the office on notes. The project is 0 % complete with 0 % of the contract time elapsed.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
June 3, 1977
Miles City, Montana

RECEIVED
JUN 6 1977
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending June 3, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, occasional showers, and normal temperatures prevailed during the past period. Temperatures ranged from 54° to 92°. All construction projects are in good travel condition. On I-94 paved detours are in use 1 - 2 miles east of Forsyth and 1 - 1.5 miles west of Forsyth--Construction adjacent to PTW 2 miles east to 4 miles west of Hathaway--Trucks crossing PTW 3 miles west of Hathaway. On US-12 traffic is being detoured through Forsyth to temporary connection with US-10 and I-94 at Tenth Street. On US-312 trucks are entering highway 12 miles south of Miles City--Paving in progress 28 - 33 miles south of Miles City with flagpersons. On Montana 22 grading is in progress 3.5 to 4.5 miles south of Cohagen--Fair travel condition-Traffic control. On Secondary 315 shoulder widening is in progress 1 to 8.5 miles south of Colstrip--Traffic control.

PRECONSTRUCTION

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 20, 1978

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 miles or 1% complete. The survey as a whole is 30% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 12.8 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 30, 1977
Survey Suspended: March 3, 1977

As personnel are available drainage data, section ties and additional Topography are being secured for this survey. Design Plan Work Sheets are being prepared and Cross Section Units have been drawn and submitted to Photogammetry for reduction and plotting.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: April 15, 1978

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 544 - 1 (1) 26 - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: Feb. 15, 1978

No work was performed on this project during the past period. To date, right-of-entry permits have been secured, ownerships checked, and fly line established.

DP 466 (1) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: March 15, 1978

Authorization to make this bridge and approach survey was issued January 24, 1977. Engineering personnel will be assigned when available.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Field Proj. Mgr. (Structure)
Forsyth, Montana - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

I 94-3 (29) 90 U-2 (Continued)....

Progress during the past week has been poor. 160 lineal feet of C.S.P. Culvert were placed making a total of 4,173 lineal feet or 100% complete. To date 1,407,000 cubic yards of unclassified excavation have been moved or 97% complete. 500,000 cubic yards of unclassified borrow have been moved or 99% complete. R. C. P. and S. S. P. P. Culvert are 100% complete. 2,391 rods of fence have been installed or 59% complete. 4,820 tons of type 3 plant mix have been placed or 10% complete. Seeding operations and plant mix seal are 80% complete. The contractor worked ten 8-hour shifts with 26 men employed. The structures as a whole are 77% complete. The contract as a whole is 68% complete with 46% of the contract time elapsed. Construction layout, with a 9-man engineering crew engaged, is 79% complete. Due to labor disputes all work was stopped on this project May 26, 1977.

I 94-3 (27) 114 - Hathaway - E & W
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Miles City, Montana - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: Sept 15, 1977

Work in progress during the past period has been poor. 108 tons of 1½" crushed base surfacing were produced making a total of 61,551 tons or 93% complete. 884 tons of 3/4" crushed top surfacing type "B" were produced making a total of 1673 tons or 68% complete. 2487 tons of 3/4" crushed top surfacing type "A" were produced making a total of 2487 tons or 12% complete. The sub-contractor worked eight 8-hour shifts and one 4-hour shift with sixteen men employed. The project as a whole is 89% complete with 77% of the contract time elapsed. Construction layout, with a five-man engineering crew engaged, is 90% complete. All work was stopped on this project May 24, 1977, due to labor disputes.

F 39-1 (1) 13 - Colstrip-Lame Deer
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Proceed Order: April 22, 1977
Amount of Contract: $678,362.60
Work Started: May 26, 1977

Baltrusch Constr. Co., Contractor
Havre, Montana
Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 80 Working Days
Probable Completion Date: August 1, 1977

Sub-contractor, Red Line Transport Company, began work on this project May 26, 1977. Work in progress since that date has consisted of crushing and stockpiling 10,000 tons of 1" Crushed Base Course. The contractor worked seven 8-hour shifts with 8 men employed. The project as a whole is 1% complete with 25% of the contract time elapsed. Construction layout, with a 1-man engineering crew engaged, is 22% complete. Due to labor disputes all work was stopped June 1, 1977. Work was resumed June 2, 1977. Work was again stopped June 3, 1977.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued.....

Progress during the past period has been good. 4,580 tons of plant mix bituminous base Grade II were produced making a total of 17,597 tons or 100% complete. Sealing operations began May 17, 1977. Since that time 12.7 miles have been sealed and covered or 68% complete. The contractor worked six 12-hour shifts with 37 men employed. The project as a whole is 89% complete with 81% of the contract time elapsed. Construction layout, with an 8-man engineering crew engaged, is 95% complete. Due to labor disputes all work was halted on this project may 25, 1977.

RF 157 (28) - Cohagen - South
Length - 5.433 Miles Grading, Agg.
Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 160 Working Days
Probable Completion Date: November 15, 1977

Progress during the past period has been fair. 134,200 cubic yards of unclassified excavation were moved making a total of 330,000 cubic yards or 56% complete. 464 lineal feet of R.C.P. culvert were installed making a total of 1914 lineal feet or 72% complete. 219 rods of farm fence Type F2M were installed making a total of 962 rods or 53% complete. 247 rods of farm fence Type F5M were installed making a total of 350 rods or 20% complete. Sub-contractor, Sherrodd Inc., worked fourteen 8-hour shifts with two men employed. The contractor worked fourteen 9-hour shifts with 20 men employed. The project as a whole is 25% complete with 19% of the contract time elapsed. Construction layout, with a seven-man engineering crew engaged, is 75% complete.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:gs

cc: Div. File

RECEIVED
JUN 0 1977
CONSTRUCTION BUREAU

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
June 3, 1977

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of May 14, 1977 through June 3, 1977.

GENERAL

The temperature varied from 86° above to 31° above with 2.81 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5-26-70
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on 4-16-73. Bridge Situation Survey was submitted to Helena on 9-18-73. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on 9-18-73. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to Helena on 9-18-73. IBM sheets for Run No. 2 were received on 9-29-76. Tracing Plan and Profile Linens remain 80% complete. Twenty-six man-days were used revising grades, plotting templates, and computing volumes for 100% complete; designing miscellaneous items for 50% complete. The design as a whole is 28% complete with 165½ man-days used to date.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-75
Survey Started: 12-13-76

Martin C. VanMil
Field Project Manager
Lewistown, Montana

Work during the past reporting period consisted of plotting plan sheet, checking field notes, copying field notes, completing irrigation drainage sheets. All items are 100% complete. Location survey data was submitted to the Division Office on 5-10-77 and transmitted to Helena on May 12, 1977. A total of 531 man-days have been expended to date. Some section ties remain to be completed. The section ties are approximately 50% complete.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1-22-74
Survey Started: 1-6-75
Survey Suspended 4-7-75
Survey Resumed: 1-22-77

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been accomplished the past reporting period. Items and percentages complete are as follows: centerline, bench levels, land ownerships, cross-sections, topography, bridge situations and drainage, and plotting profile are 100% complete; plotting plan is 95% complete; plotting cross-sections is 55% complete; checking and inking cross-sections 35% complete; checking field notes is 95% complete; section ties are 55% complete. A total of 676 man-days have been expended with the field survey work complete except for completing section corner ties.

RF 235 (38) Stanford East and West
Approximate Length: 7.3 Miles
Survey Authorized: 9-28-76
Survey Started: 1-31-77
Survey Suspended: 4-6-77
Survey Resumed: 5-19-77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone:423-5327

Forty man-days have been expended since the last reporting period on check levels and initial work on the hydraulics survey information. Work is progressing as construction schedules permit. The survey is approximately 22% complete with 202 man-days expended to date.

RS 462-2 (1) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No field work was done this reporting period. Centerline, bench marks set, levels run and checked, roadway cross-sections, topography taken for 100% complete. Drainage areas and drainage recommendations are 90% complete; bridge situation surveys are 92% complete; plotting profile, plan and cross-sections are 100% complete; section ties remain 70% complete. Four man-days were expended this reporting period on drainage areas and bridge situation surveys. A total of 714 man-days have been expended to date and the survey is 96% complete. Field notes checked remain 90% complete.

DESIGN: Tracing plan and profile linens remain 90% complete. Laying preliminary grades and coding IBM sheets for Run No. 1 are 100% complete. The IBM Run was submitted to Helena on May 5, 1977. The design as a whole is 15% complete with 58 man-days expended to date.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Utility Agreements for the Stanford and Windham crossings were received by the Lewistown Office on 10-14-76 for the Windham Crossing and on 12-29-76 for the Stanford Crossing. The work on the Stanford Crossing was started on 11-8-76, and was completed 2-24-77. Work started on the Windham Crossing 4-1-77.

SRS 4148 (51) Yogo Inn Crossing - Lewistown
Grade Crossing Signals
Off-System

No agreement for the project has been received by the Lewistown Office.

M 7103 (1) Airport Road - Lewistown — Unassigned at this time
Approximate Length: 1.7 Miles
Survey Authorized: 12-6-76

No work has been done on this survey to date.

M 7106 (3) Spring Street, 8th-11th -- Lewistown — Unassigned at this time
Approximate Length: 1100.0 feet
Survey Authorized: 12-6-76

No work has been done on this survey to date.

M 7109 (1) 4th Avenue - Lewistown — Unassigned at this time
Approximate Length: 0.4 Miles
Survey Authorized: 9-28-76

No work has been done to date on this survey. Work will begin when a crew becomes available.

RS 245-1 (1) 6 Miles Northwest - Jordan — Unassigned at this time
Approximate Length: 8.0 Miles
Survey Authorized: 9-28-76

No work has been done on this survey. Location and Design Public Hearing was held on 10-19-76 in Jordan.

RS 294-1 (2) 12 Lennep-East & West — Unassigned at this time
Approximate Length: 7.00 Miles
Survey Authorized: 5-24-77

No work has been done on this project to date. Authorization just received by Division Office.

CONSTRUCTION

ER 72 (15) Armells Creek Slide
Length: 0.05 Miles
Grade, Channel Change, and Riprap
Fergus County
Contract Awarded: 8-30-76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 40 working days
Compl. Date: 4-14-77

The project was completed on April 14, 1977, with 97.6% of the allotted contract time used. On April 18, 1977, Mr. R.W. Freeman, Division Construction Section Supervisor, made the final inspection and acceptance of the project. The final estimate and supporting data were submitted to the Division Office May 19, 1977 and will be submitted to Helena June 15, 1977.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation
Signing, Lighting, and 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Company
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 160 working days
Prob. Completion Date: 7-15-77

Work accomplished during this reporting period consisted of completing lawn seeding, patching plant mix surface and final clean up of project. The project as a whole is essentially complete with the exception of lawn establishment requirements, and re-striping traffic lanes from Station 0+12 to Station 56+50. 87% of the contract working days have been expended. A four-man engineering crew is assigned for construction supervision and inspection.

RF 138 (8) Roundup-North
Length: 6.2 Miles
Grade, Gravel, Plant Mix Surfacing
Bridge
Contract Awarded: 5-24-76
Contract Amount: $2,033,972.96
Work Started: 7-1-76

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow, S.E.T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Roundup, Montana
Telephone: 323-2040
Contract Time: 180 working days
Prob. Completion Date: 9-15-77

Work accomplished this reporting period consisted of placing 100 straw bales at various locations on the project for Temporary Erosion Control, producing and placing 4,628 tons of plant mix base 1½" G-1 for a total of 24,700 tons, using 60.88 tons of hydrated lime for a total of 331.78 tons and 221.946 tons of 200-300 asphalt cement for a total of 1260.255 tons. All plant mix base has been placed. 9,732.8 tons of plant mix surfacing Gr. B has been produced and placed, 137.7 tons of mineral filler (fly ash) and 538.13 tons of 120-150 asphalt cement has been used, making them 51% complete. 21.72 tons of MC-70 prime was used for a total of 90.287 tons and 4% complete, 932.5 gallons of SS-1 tack oil was used for a total of 1850.67 gallons and 34% complete. A total of 146,030.6 tons of Base Course 1½" Gr. 5A has been placed on the roadway and approaches completing this item.

A 6-man engineering crew is assigned to project inspection and layout. The project is 86% complete with 69% of the contract time elapsed.

BRIDGE: 100% complete pending guardrail touchup.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde Construction Co. and
Maronick Construction Co. (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 working days
Probable Compl. Date: 9-15-77

Utica-Windham continued

Progress this past reporting period has been poor due to inclement weather and the labor strike. 16,528 tons of C.B.C. Grade 5A were placed for a total to date of 171,008 tons. The overrun of plan quantities for C.B.C. is as per Change Order No. 10.

The contractor has 18 to 26 men employed and is working one 9-hr. shift per day as weather permits.

The project is 72% complete with 66% of the contract time elapsed. Construction layout with 11 engineering personnel assigned to the project is 90% complete.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing Plant Mix Surfacing, Drain, Seal and Cover, Signing, and Construct an 85.0 Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-19-76

Zook Brothers Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 175 working days
Prob. Completion Date: 7-15-77

No work on project this past reporting period. Chips and seal operations will begin when weather permits. The project as a whole is 92% complete with 60% of the contract time elapsed. One man is working on the final estimate and project documentation.

SMP 1499-76 Maint. Stockpiles on Various Roads
Fergus, Judith Basin, Musselshell Petroleum, and Rosebud Counties
Crushing and Stockpiling
Contract Awarded: 11-19-76
Bid Price: $165,960.00

Empire Sand & Gravel Company, Inc.
Billings, Montana
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 120 working days
Prob. Completion Date: 7-15-77

Progress during the past reporting period has been fair. The contractor worked 15 nine-hour shifts with 9 to 13 men employed. Work consisted of crushing and stockpiling 12,000 tons of ½" C.T.S. Gr. 4A in pit No. 2310-07, Judith Basin County, and seeding and fertilizing the reclaimed pit areas in Rosebud, Musselshell, Petroleum, and Fergus Counties. The project is 95% complete with 75% of the contract time elapsed. A three-man engineering crew is assigned to project inspection.

ROS 4144 (52) U4 Musselshell County
Guardrail Installation
Project Length: 0.119 Miles

ROS 4144 (52) U13 Musselshell County
Guardrail Installation
Project Length: 0.183
Contract Awarded: 2-28-77
Work Started: 5-10-77
Contract Amount: $25,223.00

Frank Gurney, Inc. & Subsidiary
Spokane, Washington
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Contract Time: 30 working days
Completion Date: 5-23-77

ROS 4144 continued

The contractor completed these projects May 23, 1977. All quantities were as per the detailed estimates with the exception of Traffic Control which underran 861.75 units on the Unit 4 project and 1147 units on the Unit 13 project. Twenty-five working days of the allotted 30 were used to complete the project. May 27, 1977, Mr. R.W. Freeman, Supervisor Division Construction Section made final acceptance of these projects. Two men are working on the field notes and final records which are 90% complete.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/jlw

cc: Field Project Managers
Division File

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

APRIL 11, 1977

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

April 11, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	60	48 Oct. 1977	R. J. Studer & Sons $2,759,751.00